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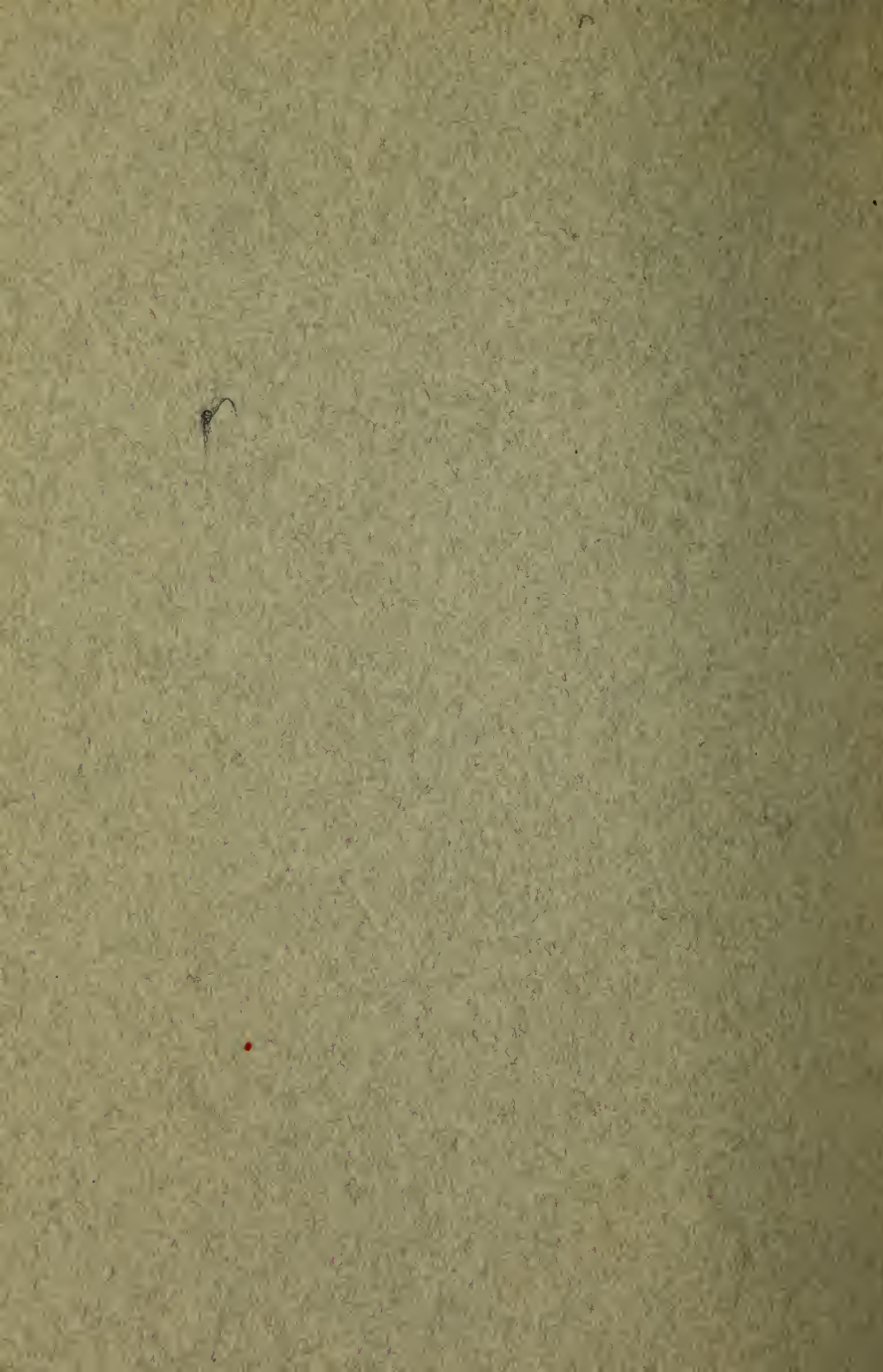
OLIVET COLLEGE

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UNIVERSITY OF ILLINOIS



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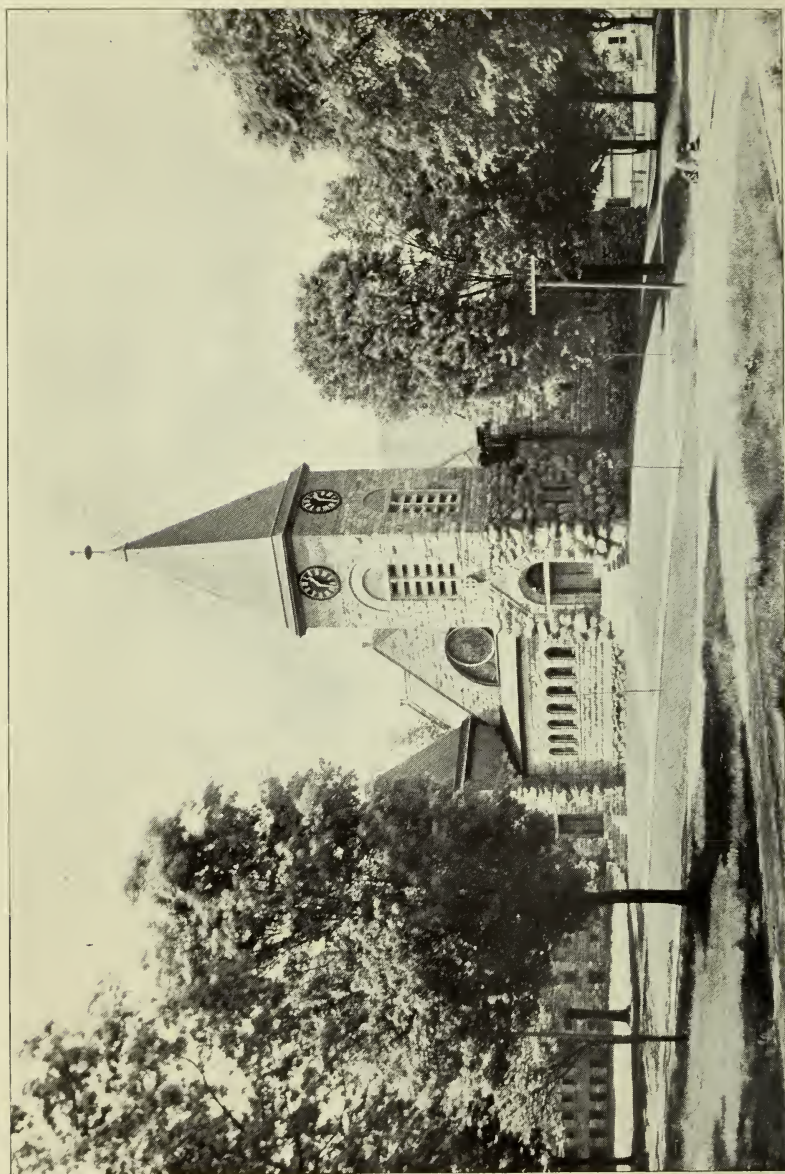
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THE CHURCH.

CATALOGUE
OF
OLIVET COLLEGE

FOR

1908-09

THE LIBRARY OF THE
JUL 21 1936

UNIVERSITY OF ILLINOIS

WITH ANNOUNCEMENTS FOR 1909-10.



PRINTED FOR THE COLLEGE
BY FRANK N. GREEN, OLIVET, MICHIGAN,
APRIL, 1909.

CALENDAR.

1909.

- April 6—Tuesday, SPRING SESSION begins.
June 10, 11—Thursday and Friday, Final Examinations.
13—Sunday, Baccalaureate Sermon; Missionary Address.
14—Monday, Prize Speaking.
15—Tuesday, Trustee Meeting; Conservatory Exhibition;
Class Day Exercises; College Prayer Meeting.
16—Wednesday, FIFTIETH ANNUAL COMMENCEMENT; Graduat-
ing Exercises of the Senior Class; Alumni Dinner;
President's Reception; Commencement Concert.

Summer Vacation.

- September 20—Monday, Examination for Admission.
21—Tuesday, FIRST SEMESTER begins.
November 19—Friday, Annual Exhibition of the Sigma Beta Society.
25—Thursday, THANKSGIVING DAY, NATIONAL HOLIDAY.
December 3—Friday, Annual Exhibition of the Phi Alpha Pi Fra-
ternity.
17—Friday (evening), CHRISTMAS RECESS begins.

1910.

- January 4—Tuesday, WINTER SESSION begins.
Day of Prayer for Colleges.
February 2, 3—Wednesday and Thursday, First Semester Examinations.
3—Thursday (evening), FIRST SEMESTER ends.
4—Friday, SECOND SEMESTER begins.
11—Friday, Annual Exhibition of the Soronian Society.
March 11—Friday, Annual Exhibition of the Adelpic Society.
18—Friday, Annual Exhibition of the Musical Guild.
25—Friday (evening), WINTER SESSION ends.
April 5—Tuesday, SPRING SESSION begins.
May 30—Monday, MEMORIAL DAY; NATIONAL HOLIDAY.
June 16, 17—Thursday and Friday, Final Examinations.
19—Sunday, Baccalaureate Sermon; Missionary Address.
20—Monday, Prize Speaking.
21—Tuesday, Trustee Meeting; Conservatory Exhibition;
Class Day Exercises; College Prayer-Meeting.
22—Wednesday, FIFTY-FIRST ANNUAL COMMENCEMENT.

CORPORATION.

TRUSTEES.

ELLSWORTH GAGE LANCASTER, PH.D., LL.D., President.

Term Expires 1909.

FITZ L. REED,	Olivet.
FORDYCE H. ROGERS,	Detroit.
EDWARD N. DINGLEY,	Kalamazoo.

Term Expires 1910.

REV. BASTIAN SMITS,	Jackson.
FRANK J. COBBS,	Cadillac.
FRANK N. GREEN,	Olivet.
WALTER BROOKS,	Detroit.

Term Expires 1911.

REV. ERNEST BOURNER ALLEN, D. D. ..	Toledo, O.
HON. JUSTUS S. STEARNS,	Ludington.
WILLIAM M. FERRY,	Salt Lake City, Utah.
LOUIS P. HAIGHT,	Muskegon.

Term Expires 1912.

ARCHIBALD HADDEN, D. D.,	Muskegon.
HON. FRANK A. HOOKER,	Lansing.
REV. NELSON S. BRADLEY,	Saginaw.
REV. FREDERIC H. BODMAN,	Battle Creek.

Term Expires 1913.

CHARLES B. STOWELL,	Hudson.
ARIE BINKHORST,	Battle Creek.
HON. JOHN D. MACKAY,	Detroit.
ARTHUR B. WILLIAMS,	Battle Creek.

Term Expires 1914.

HARVEY J. HOLLISTER,	Grand Rapids.
REV. HEMAN P. DeFOREST, D. D., ..	Lexington, Mass.
FRANK WELTON,	Grand Rapids.
*JAMES W. MILLIKEN,	Traverse City.

Emeritus.

REV. WOLCOTT B. WILLIAMS, D. D., ..	Charlotte.
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The annual meeting of the board of trustees occurs the third Tuesday in June, 2 P. M.

* Deceased.

EXECUTIVE COMMITTEE.

ELLSWORTH G. LANCASTER, CHAIRMAN. F. L. REED.
 F. N. GREEN. E. N. DINGLEY. A. BINKHORST.
 A. B. WILLIAMS. L. P. HAIGHT.

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A. HADDEN. H. P. DeFOREST. BASTIAN SMITS.

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 FRANK WELTON. F. H. ROGERS.

COMMITTEE ON WAYS AND MEANS.

J. D. MACKAY. C. B. STOWELL. F. J. COBBS.
 W. BROOKS. E. G. LANCASTER. F. H. ROGERS.

NOMINATING COMMITTEE.

A. HADDEN. F. A. HOOKER. F. N. GREEN.

ALBERT L. LEE, Secretary and Treasurer.

W. D. GRIDLEY, Auditor, Detroit.

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MRS. H. L. CLARK.	MRS. D. B. AINGER.
MRS. C. D. HEMENWAY.	MRS. C. J. MONROE.
MISS MARGARET T. ALGOE.	MRS. WALTER BROOKS.
MRS. E. G. LANCASTER	MRS. CARL JONES.

MRS. E. N. ELY, Honorary Member.

MRS. N. L. EASTMAN, Matron of Shipherd Hall.

WALTER KACHELSKI, Superintendent of Buildings and Grounds.

FACULTY.

ELLSWORTH GAGE LANCASTER, PH. D., LL. D.,

PRESIDENT.

A. B., Amherst, '85; A. M., Amherst, '88; Ph. D., Clark, '97; LL. D., Colorado, '05.
Professor of Psychology and Pedagogy.

GEORGE A. KNAPP, A. M.,

A. B., Hamilton, '84; A. M., Hamilton, '87.

Stone Professor of Astronomy and Mathematics.

*WALTER E. C. WRIGHT, D. D.,

A. B., Oberlin, '65; A. M., Oberlin, '68; D. D., Olivet and Oberlin, '94.
Professor Emeritus of Social Science and Christian Ethics.

MRS. ELIZABETH BINTLIFF, A. M.,

A. M., Olivet, '02.

Professor of Music; Director of the Conservatory.

MRS. ANNE S. BATCHELLOR,

Professor of Painting and Drawing; Director of the Art Department.

¶ THOMAS WILLIAM NADAL, A. M.,

A. B., DePauw, '98; A. M., Harvard, '03.

Professor of English Literature and Oratory.

Dean of the Faculty.

NEWLAND FARNSWORTH SMITH, Ph. B.,

Ph. B., Northwestern University, '92.

Professor of Physics.

¶ ALBERT ROBINSON CRITTENDEN, A. M., Ph. D.,

A. B., University of Michigan, '94; A. M., University of Michigan, '02;

Ph. D., University of Michigan, '08.

Rutan Professor of the Latin Language and Literature.

*Deceased.

¶ Absent on leave.

WILLIAM STOWELL LEAVENWORTH, M. S.,
B. S., Hamilton, '89; M. S., Hamilton, '92.
Erwin Professor of Chemistry.
Acting Librarian.

¶GEORGE WILLIAM BELL, A. M.,
A. B., Boston University, '97; A. M., Boston University, 1900;
A. M., Harvard, '02.
Professor of History.

HERBERT ADOLPHUS MILLER, Ph. D.,
A. B., Dartmouth, '99; A. M., Dartmouth, '02; Ph. D., Harvard, '05
Professor of Philosophy.

MARGARET TRACY ALGOE, B. S.,
B. S., Wellesley, '88.
Assistant Professor of German.
Dean of the Young Women's Department.

SAMUEL RITTENHOUSE, Ph. D.,
A. B., Ursinus, '01; Ph. D., Johns Hopkins, '05.
Professor of Biology.

SAMUEL GRANT OLIPHANT, Ph. D.,
A. B. Princeton, '91; A. M. Princeton, '94; Ph. D., John Hopkins, '06.
Professor of the Greek Language and Literature.

FRANK HUGH FOSTER, Ph. D., D. D.,
A. B. Harvard, '73; graduate, Andover Theological Seminary, '77; Ph. D.,
Leipzig, '82; D. D., Chicago Theological Seminary, '94.
Professor of History.

GRACE FLEMING VAN SWERINGEN, Ph. D.,
B. L., Cornell, '93; Ph. D., Berlin, '04.
Professor of the German Language and Literature.

E. DEO. SCHONBERGER, M. Or.,
A. B., Yankton, '01; M. Or., Columbia College of Expression, '06.
Assistant Professor of English and Oratory.

FLORENCE M. HEMENWAY, A. M.,
A. B., Middlebury, '00; A. M., Olivet, '07.
Instructor in Latin.

¶Absent on leave.

ELIZABETH CRAVATH MILLER, A. M.,
A. B., Smith; A. M. Vanderbilt, '01.
Instructor in French.

LAUREL NELL CAMPBELL, A. B.,
A. B. Olivet, '08.
Instructor in French.

SARA WALLACE SCHONBERGER,
Graduate Columbia College of Expression.
Instructor in English.

MERTON W. WILSON,
Instructor in Mathematics.

JOHN B. MARTIN,
Teacher of the Violin and Orchestral Instruments.

ANNIE E. TENNENT,
Teacher of Piano.

Mrs. ESTELLA HALL READE,
Teacher of Voice Culture and Methods of Teaching Public School Music.

CORA LAVERNE HOPPOUGH,
Diploma, Olivet Conservatory of Music, 1900.
Teacher of Theory,

GRACE LOUISE SCOTT,
Diploma, Olivet Conservatory of Music, '08.
Teacher of Piano.

FRANCES G. PATERSON, A. B.,
A. B., Ohio State University, '07.
Instructor in Physical Training.

HENRY B. HALL,
Director of Athletics.

ALBERT L. LEE, A. B.,
Registrar and Clerk.

STANDING COMMITTEES OF THE FACULTY.

1908-1909.

ADMINISTRATION:

E. G. Lancaster, T. W. Nadal, Elizabeth Bintliff, Margaret Tracy
Algoe.

LIBRARY:

W. S. Leavenworth, F. H. Foster, T. W. Nadal, S. G. Oliphant,
Grace Fleming van Sweringen, Florence M. Hemenway.

SCHOOLS AND ADMISSION:

T. W. Nadal, S. G. Oliphant, E. G. Lancaster, Margaret Tracy
Algoe.

SCHEDULES AND COURSES:

G. A. Knapp, N. F. Smith, E. G. Lancaster, Elizabeth Bintliff.

DEGREES:

H. A. Miller, E. G. Lancaster, F. H. Foster, S. G. Oliphant.

BULLETINS:

N. F. Smith, E. G. Lancaster, A. L. Lee, S. G. Oliphant, E. D.
Schonberger.

ATHLETICS:

H. A. Miller, T. W. Nadal, N. F. Smith, G. A. Knapp, Frances
G. Paterson.

LECTURES:

W. S. Leavenworth, Elizabeth Bintliff, T. W. Nadal, Anne Stone
Batchellor, F. H. Foster, Grace Fleming van Sweringen.

SPECIAL PROGRAMS:

F. H. Foster, H. A. Miller, Annie E. Tennent.

LECTURE EXTENSION:

F. H. Foster, S. Rittenhouse, E. D. Schonberger.

STUDENTS' SELF HELP:

N. F. Smith, E. G. Lancaster, Frances G. Paterson.

SOCIAL LIFE:

Margaret Tracy Algoe, Grace Fleming van Sweringen, T. W. Nadal,
Cora LaVerne Hoppough, Florence M. Hemenway, Estella Hall
Reade, H. A. Miller, Elizabeth Cravath Miller.

OLIVET COLLEGE.

HISTORICAL SKETCH.

On the morning of February 14, 1844, a little colony left Oberlin, Ohio, and slowly moved west and north toward Michigan. On the evening of the 24th of the same month they reached their destination. There were thirty-nine persons, including youth and children, in this company. Their combined resources were not over \$10,000. Rev. John J. Shipherd, the founder of Oberlin College, was their leader. Having more than realized his anticipations in the marvelous success and growth of Oberlin, which was then but eleven years old, and desiring to repeat its history in the states west of Ohio, he had gathered this group of families and friends with the design of planting a Christian college in Michigan.

Mr. Shipherd had visited the State in the autumn of 1843, selected and purchased the site and christened it Olivet. It was then a wooded hilltop, the home of the wild deer, with a beautiful lakelet on its western outlook, a winding stream skirting its eastern slope, a haunt of the Pottawottomie Indians near by, and only five families of white settlers within a radius of three miles. No highway as yet led to the place, and the last five miles of the wearisome journey were over an Indian trail marked by the blazing of trees.

This colony laid the foundations of Olivet College. Their first work was to clear an opening in the forest, to make themselves homes, to construct a mill and a building for the opening of the school. The first year was beset with many trials. The floods swept away the dam they had built, the fire consumed their school edifice before it was finished, their leader sickened and died, and more than half the colony were prostrate with malarial diseases incident to the new country. Some of the colonists were disheartened and returned to their old homes. The few with a sublime faith, not unlike that of the Pilgrims at Plymouth, persevered and triumphed over all obstacles.

Mr. Shipherd's purpose in selecting such a place was that the colony should be the nucleus for the college—that the two should grow up in harmony and mutually support and mold each other. He therefore led hither a band of devoted Christian men and women who laid solid foundations and left the permanent impress of their heroic life and character upon the school.

In a liberal spirit far in advance of public sentiment of that day they opened their doors wide to colored students as well as white, to both sexes alike, and to the poorer classes who had not means to secure an education elsewhere.

The object of the college and the purpose of its founders may be seen by a single extract from its first annual catalogue in 1846.

'We wish to have it distinctly understood that the whole object of this institution is, has been, and we hope ever will be, the education of young men and women—especially such as are not rich in this world's goods, but heirs of the Kingdom of God—for the glory of God and the salvation of a dying world. * * * We have no partisan or sectarian interests to subserve, and desire to have none. We wish simply to do good to our students by placing in their hands the means of intellectual, moral, and spiritual improvement, and to teach them the divine art of doing good to others.'

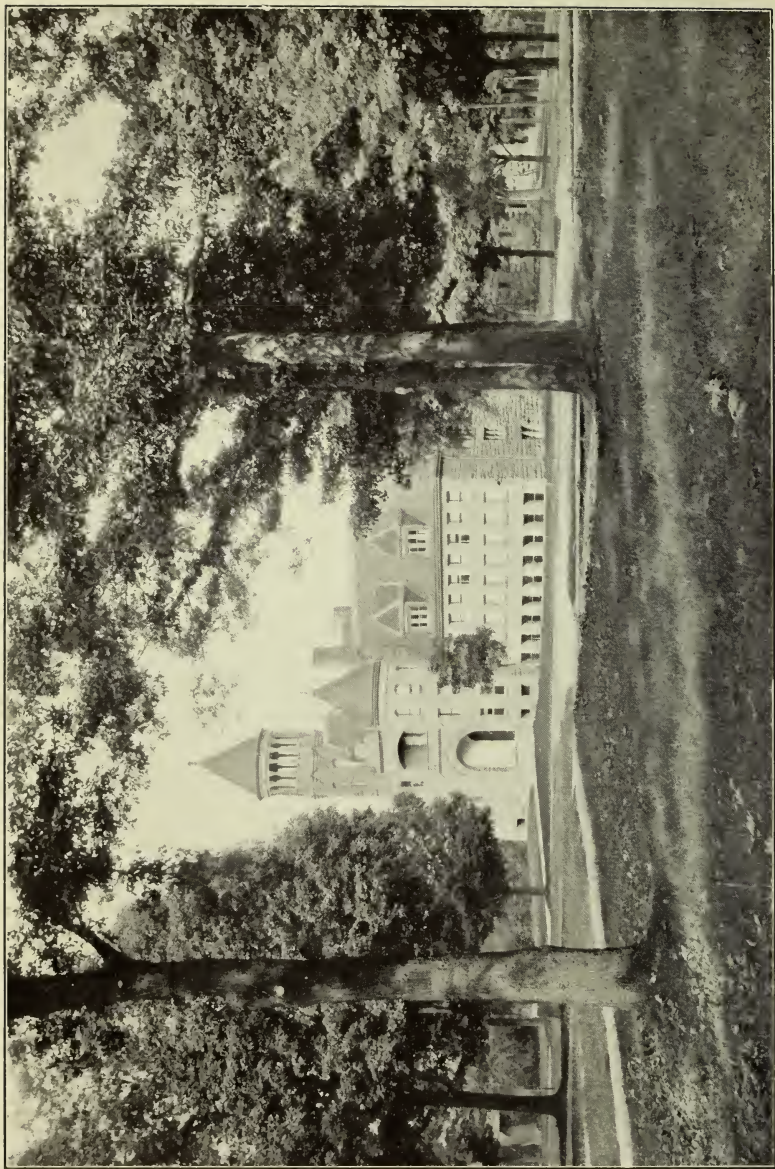
The school opened in December, 1844, with nine students. The first catalogue enrolled seventy-two, and thenceforward the numbers increased more rapidly than facilities and means could be furnished. Failing in repeated attempts to secure from the State a college charter, the founders wrought for fifteen years under the name of Olivet Institute. Finally, in 1859, a charter was granted and the institute transformed into the college.

Its growth has been slow but healthful. Like the grand old forest oaks that adorn its campus, it has been tested by time and by many a severe struggle. Enlargement and expansion have come according to the demands made upon it. It began in poverty, but it began wisely with a high standard of scholarship and a high moral aim. It has never lowered its standard to increase its numbers. Its graduates, therefore, reflect upon their *alma mater* the twofold luster of culture and character. These are its richest treasures to-day.

And yet it has grown in its equipment and material resources.

The first commencement day in 1859 saw upon this hill the little white church, sixty feet by thirty-six and one story in height; Colonial Hall, with its chapel and recitation rooms below and dormitories for young men in the two upper stories, and the new Ladies' Hall, enclosed, yet unfinished and unoccupied. It counted all its assets at \$30,000; its professors were two; its entire teaching force numbered by the fingers of one hand.

To-day the rural beauty of Olivet remains enriched by time and touched by art. Its campus—some fifteen acres—retains the native grove and forest park environed by ten commodious and attractive college buildings. Its enrollment is 265; its graduates 700; its faculty 30; its assets \$400,000; its departments greatly increased; its courses of study broadened and extended to keep pace with the demands of the higher education of to-day.



BURRAGE HALL—THE LIBRARY.

EQUIPMENT AND BUILDINGS.

BURRAGE HALL.

Library and Reading Room.

The college library contains 33,000 volumes, and also a large collection of pamphlets. Its books have been selected with care, and with reference to the work of both professors and students. Hence its growth has been healthful and adapted to the wants of the college. Its chief source of income is the Willie Sage Tuttle Fund. This endowment, \$15,000, was the gift of Mrs. Lucy E. Tuttle, of Guilford, Connecticut, as a memorial of her gifted son, whose name it bears.

The library is classified and arranged according to the Dewey system. A card catalogue, both of authors and subjects, makes every book and its contents easily accessible to every reader. Each student is allowed free access to the shelves, also the privilege of drawing books from the library. The library is open ten hours daily, Sundays excepted.

In connection with the library is the reading room, supplied with 150 periodicals and leading journals of news, politics, religion, science, literature, education and art. These may be consulted, but not withdrawn from the library.

The library building, Burrage Hall, is a worthy memorial of Mr. Leonard Burrage, of Leominster, Massachusetts. The building is of the Romanesque style of architecture, 110 feet in length by 52 feet in breadth, and has a capacity of about 100,000 volumes.

Burrage Hall is commodious, elegant, and complete in its appointments—literally fire-proof in the stack room, and practically so throughout. It happily combines economy and convenience in its working arrangements; security for the books; attractive, well-furnished and well-lighted rooms for its readers, special facilities for seminary work and the possibility of enlargement at moderate expense without change of the original plan. It thus affords a safe and permanent repository for the library, and invites all friends of the college to make frequent and large additions to the present valuable collection. Local histories, anniversary addresses, the literature of institutions, and all documents relating to American life and history are especially desired.

MATHER HALL.

This commodious building, erected at a cost of about \$25,000, bears the name of Roland Mather, of Hartford, Connecticut, who was its chief donor. In it are located the departments of Mathematics, Physics, Chemistry, and Biology.

Laboratories and Museum.

Physics.

The department of physics occupies five rooms in Mather Hall. On the first floor are a large lecture room and apparatus room. The lecture room can be darkened for lantern projection and the lecture desk is supplied with water, gas, compressed air, and electric current. In the basement are the general laboratory, photometric laboratory and machine shop. The laboratory is well supplied with modern instruments of precision. Among the more important are a cathetometer, acceleration apparatus, micrometer microscopes, and Michelson interferometer, made by Gaertner; analytical balances, by Becker and Sartorius; siren, sonometer, and organ pipes, by Koenig, of Paris; spectrometer, by the Societe Genevoise; standards of resistance, electromotive force, and capacity; sensitive galvanometers, diffraction gratings, Norremberg's polariscope, and many other instruments.

The machine shop is equipped with a 12 H. P. gasoline engine, a 6 K. W. direct current generator, a screw-cutting lathe and full set of lathe and bench tools. The generator supplies current for experimental work, lighting and power in the physics laboratory and in some other buildings.

Chemistry.

The department has ample accommodations in Mather Hall. The quarters include a large lecture room, constructed in the amphitheater style and equipped with arrangements for lantern projection. The lecture desk is supplied with gas, water, compressed air, and other conveniences. The laboratory occupies the entire basement of the east wing of the building, and is fitted with fan-ventilated hoods, gas, water, and a direct current from the physics department for electro-chemical investigations. The department has ample storage and preparation rooms and all the apparatus needed for thorough work.

Biology.

The second floor of Mather Hall is occupied by the department of biology and geology. The biological laboratory is large, well-lighted, and thoroughly equipped. It opens off from the museum, which occupies the greater part of the second floor. The chief feature of this is the zoological

collection which represents very fully all the great groups of the animal kingdom. The series of vertebrate skeletons is especially complete. Another valuable part of the collection is a large number of glass models representing various coelenterates, many of which cannot be successfully preserved as museum specimens. The botanical collection is a large and useful one. The museum also contains the large Brown Cabinet of Mineralogy and Conchology, the William B. Palmer series of "Ward's Reproductions," and a large collection of minerals and paleozoic fossils presented by Mr. Allan Bourn, of New York City, together with numerous smaller collections. The museum is for *work* rather than for mere exhibition.

PARSONS HALL.

This building bears the honored name of Philo Parsons, of Detroit, who gave liberally for its erection. It contains art rooms, six recitation rooms, and dormitories for a few young men.

SHIPHERD HALL.

This building, named in honor of Rev. John Jay Shipherd, founder of the college, contains rooms for the dean of women, assistant teachers, and matron, together with accommodation for seventy young women. It is heated by furnaces, well ventilated, and neatly and comfortably furnished. The annex, a substantial brick structure, sixty-five feet by forty feet, contains a spacious dining hall; also kitchen and laundry — besides a commodious gymnasium in the second story for the use of the young women.

COLLEGE CHURCH.

The religious needs of the college, in the early days, led to the organization of the First Congregational Church of Olivet. Unitedly the church and college have builded and worshipped together from the beginning. The growth of each has demanded the erection of a much larger house of worship. The elegant stone church is a most valuable addition to the equipment of the college. The artistic windows, the gifts of friends of the college, perpetuate and honor the memory of the founders and builders of Olivet, and make the new church a most interesting historic memorial. A valuable clock, the gift of Mr. Roland Mather, of Hartford, Connecticut, adorns the massive tower.

The chapel, the oldest building on the grounds, rejuvenated with new ceiling and walls, and refurnished with new seats, platform, grand piano, and valuable singing books, is now one of the most attractive interiors in the college.

The location of these buildings and of the conservatory and the gymnasium is shown on the accompanying diagram of the campus.

MAIN AVE.

OLIVET COLLEGE CAMPUS

OAK
GROVE

COLLEGE
CHAPEL

BURRAGE

HALL

CONGRE GATIONAL
CHURCH

LIBR.
BLDG.

COLLEGE STREET

SHIPHERD STREET

SHIPHERD
HALL

MAIN STREET

COLLEGE
PARK

EAST STREET

MATHER
HALL

ADELPHIC
SOCIETY
HALL

CHURCH STREET

COTTAGE STREET

CONSERVATORY
OF
MUSIC

PHI
ALPHA
PI
HALL

GYMNASIUM

PARSONS HALL

COLLEGE DEPARTMENT.

REQUIREMENTS FOR ADMISSION.

The requirements for admission are expressed in units. A unit is a course of study covering a school year of not less than thirty-six weeks, with at least four periods of not less than forty-five minutes per week.

Fifteen units are required for entrance to college. These must include three units of English, three units of mathematics, one unit of physics, one unit of history, and two units of any one of the following languages: Greek, Latin, German, French, or Spanish. The remaining five units may be selected by the candidate from the following complete list:

English, 3 or 4 units.	French, 2 units.
Mathematics, 3 units.	Spanish, 2 units.
Physics, 1 unit.	Chemistry, 1 unit.
History, 1, 2, or 3 units.	Botany, $\frac{1}{2}$ or 1 unit.
Greek, 2 units.	Zoology, $\frac{1}{2}$ or 1 unit.
Latin, 2, 3, or 4 units.	Physiography, $\frac{1}{2}$ or 1 unit.
German, 2 units.	Physiology, $\frac{1}{2}$ unit.

Candidates for admission to Group II (Applied Economics) may include in the electives offered for entrance one or two units of commercial work, subject to the approval of the group officer.

Not more than two half-year sciences will be accepted; but a half-year of botany and a half-year of zoology may be counted as one unit of biology.

Students who are to take college Latin must include in their preparatory course four units of Latin.

OUTLINE OF PREPARATORY WORK.

English.—Three units are required and should be made up of composition, rhetoric, and reading of English classics.

The work in composition and rhetoric should be distributed among the three years to secure a gradual development. The written exercises should be numerous, giving opportunity to apply technical principles and to secure a practical training in the main forms of discourse: narration, description, exposition, and debate. The main emphasis is placed on the ability of the

student to write and speak English with facility and precision. No candidate will be accepted whose work is notably defective in point of logical development, paragraphs, idiom, spelling or punctuation.

The reading should also be distributed among the three years. A thorough knowledge is required of the subject matter, form, and structure. It is expected that a number of books in addition to those required will be read outside the class-room to secure a broader knowledge of the field of literature. For students who enter in 1909, the required reading consists of the following works or their equivalents.

For careful study: Burke's *Conciliation with the Colonies*; Macaulay's *Essay on Addison* and *Life of Johnson*; Milton's *L'Allegro*, *Il Penseroso*, *Comus*, and *Lycidas*; Shakespeare's *Julius Caesar*.

For general reading: Addison's *The Sir Roger de Coverley Papers*; Coleridge's *The Ancient Mariner*; Eliot's *Silas Marner*; Irving's *Life of Goldsmith*; Lowell's *The Vision of Sir Launfal*; Scott's *Ivanhoe* and *Lady of the Lake*; Shakespeare's *Macbeth* and *Merchant of Venice*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*.

Credit will also be granted to students offering a unit in the history of English literature. Halleck's textbook or equivalent may be used. This course should include extensive reading of standard works not in the above list. If desired, it may be offered as one of the three required units.

Mathematics.—The three required units should consist of (a) Algebra, Wells' Essentials, to Logarithms, or an equivalent; geometry, Plane and Solid; Beman and Smith's textbook or an equivalent.

Greek. *First Year.*—White's First Greek Book, or equivalent. Translation of connected prose.

Second Year.—Three books of Xenophon's *Anabasis*, with prose composition. Two books of Homer's *Iliad*.

Latin. *First Year.*—Collar and Daniell's First Year Latin, or an equivalent. Thorough mastery of the declensions and conjugations. Considerable easy reading such as that contained in Collar's *Gradatim*.

Second Year.—Four books of Caesar's *Gallic War*, with at least twenty lessons of prose composition. If preferred an equivalent from other authors may be substituted for two books of Caesar. The student should be well grounded in the essentials of the grammar.

Third Year.—Six orations of Cicero, with at least twenty lessons of prose composition.

Fourth Year.—Six books of Virgil's *Aeneid*. If preferred, fifteen hundred lines of Ovid may be substituted for two books of Virgil.

French. *First year.*—Fraser and Squair's French Grammar to Section 227. Dictation and Composition. Easy reading of best French stories to accompany the grammar work.

Second Year.—Finish Fraser and Squair's French Grammar. More advanced texts. Reading at sight and composition with conversation based on the texts read. Much reading of good modern French is recommended.

German. *First Year.*—Part I of Joynes-Meissner's or Thomas' German Grammar, with the reading of several texts, such as Muller and Wenckebach's *Gluck Auf*, Heyse's *L'Arrabbiata*, and Storm's *Immensee*.

Second Year.—Advanced grammar, composition, and conversation based upon the following texts: Hillern's *Hoher als die Kirche*, Baumbach's *Der Schwiegersohn*, or equivalents. Schiller's *Wilhelm Tell* and other classic texts.

History.—In addition to the unit of ancient history required for entrance, credit will be given for one unit of medieval and modern history, and one unit of United States history and government. Careful attention should be given to historical geography, especially in the earlier courses. The reading of standard historical works and some study of original sources should accompany each course, and should constitute an increasing share of the student's work in the higher courses. High schools not possessing a well-equipped historical reference library are greatly hampered in this work.

Physics.—An amount of work represented by Carhart and Chute's High School Physics, Millikan and Gale's *First Course in Physics*, or an equivalent, with laboratory work. At least thirty *quantitative* experiments should be performed by the student, and the notebook containing the record of his results, properly certified by the instructor, should be presented to the Admission Committee.

Chemistry.—Candidates presenting chemistry for entrance should be acquainted with the occurrence, preparation, and properties of the common metals and non-metals. Familiarity with the principles of chemical arithmetic and the ability to solve simple problems relating to the ordinary equations is required. Remsen's *Introduction to Chemical Science*, Newell's *Descriptive Chemistry*, or their equivalents, are recommended. The laboratory note-book, properly certified by the instructor, should be presented for approval at the time of admission.

Botany.—For a course of one year, including at least thirty-six periods of laboratory work, one unit of credit will be given. The ground covered should be that of Bergen's *Foundations of Botany*, or Stevens' *Introduction to Botany*, or an equivalent. For a course similar to the above, but occupying only one semester and covering one-half the ground or more, one-half unit of credit will be given.

Zoology.—For a course of one year, including at least thirty-six periods of laboratory work, one unit of credit will be given. The ground covered should be that of Davenport's *Introduction to Zoology*, or an equivalent.

For a course similar to the above, but occupying only one semester and covering one-half the ground or more, one-half unit of credit will be given.

Physiography.—A good text-book, such as Davis' Physical Geography, should be supplemented by the reading of such books as Geikie's Earth Sculpture, Russell's Lakes of North America, and Shaler's Aspects of the Earth. The work should include numerous field excursions and meteorological observations. In connection with the latter, Davis' Elementary Meteorology and Ward's Practical Exercises in Elementary Meteorology will be found helpful.

NOTE.—In all science subjects, two periods of laboratory work will be counted as equivalent in amount to one period of recitation work.

ACCREDITED SCHOOLS.

High schools and other secondary schools, whose courses of study have been approved by the faculty, may be placed upon the accredited list of the college. This relation implies that the certificates of such schools, properly attested by the superintendent or principal, will be accepted toward meeting the requirements for admission. Graduates of such schools, who have completed all the subjects required for admission, will be admitted to the freshman class without examination upon the recommendation of the principal or superintendent.

Superintendents and principals who wish to have their schools placed upon the accredited list are invited to correspond with the college, addressing the secretary.

DIRECTIONS TO PROSPECTIVE STUDENTS.

Blanks for entrance credits are furnished by the secretary of the college. Students who expect to enter college should procure these and have them filled out and signed by their superintendent or principal, and forwarded to the secretary *immediately after graduation. The note-books in physics and chemistry should be sent at the same time.*

REQUIREMENTS FOR GRADUATION.

The courses of instruction offered in the college are arranged in seven groups, each leading to the degree of Bachelor of Arts. The wide range of groups and the considerable number of free electives in each gives a sufficient flexibility to meet the needs of any student, and at the same time insures a symmetrical college course. A unit, as here used, signifies a course of four recitations, lectures, or laboratory periods per week for one college year. Recitations and lectures are fifty-five minutes in length; laboratory periods, two and one half or three hours. Sixteen units are required for graduation and the student must complete one of the following groups:

GROUPS OF STUDIES AND GROUP OFFICERS.

I. CLASSICAL.

PROFESSOR OLIPHANT.

Subject.	Units.
Greek,	2
Latin,	2
History,	½
Science,	1
English,	1
Bible,	½
Psychology,	1
Modern Language,	1
Philosophy and Ethics,	1
Elective,	6
	<hr/> 16

II. APPLIED ECONOMICS.

PRESIDENT LANCASTER.

Subject.	Units.
Business Economics,	2
Mathematics,	1
English,	1
Social Science,	1
Psychology,	1
Modern Language,	1
History,	1
Science,	1
Bible,	½
Ethics,	½
Elective.	6
	<hr/> 16

III. LATIN—ENGLISH—MODERN LANGUAGE.

PROFESSOR CRITTENDEN.

Latin,	2
English,	2
Modern Language,	2
History,	1
Philosophy,	½
Bible,	½
Psychology,	1
Science,	1
Elective,	6
	<hr/> 16

IV. HISTORICAL—POLITICAL.

PROFESSOR FOSTER.

History,	2½
Social Science,	1½
English,	1
Latin, or Modern Language,	1
Bible,	½
Philosophy,	½
Science,	1
Psychology,	1
Modern Language,	1
Elective,	6
	<hr/> 16

V. GENERAL SCIENCE.

PROFESSOR SMITH.

Physics,	1
Chemistry,	1
Biology,	1
Additional Science,	1½
Mathematics,	1
Modern Language,	1
English,	1
Economics,	1
History,	1
Bible,	½
Elective,	6
	<hr/> 16

VI. BIOLOGICAL—CHEMICAL.

PROFESSOR LEAVENWORTH.

Biology,	2
Chemistry,	2½
Physics,	1
Mathematics,	1
English,	1
Bible,	½
Psychology,	1
German,	1
Elective.	6
	<hr/> 16

VII. MATHEMATICAL—PHYSICAL.

PROFESSOR KNAPP.

Mathematics,	2½	History,	1
Physics,	2	Economics,	1
Chemistry,	1	Bible,	½
Modern Language,	1	Elective,	6
English,	1		<hr/> 16

NOTE.—The group officer and dean must sign the preliminary schedule of each student.

SUMMARY OF STUDIES AND HOURS OF RECITATION.

FRESHMAN YEAR.

HOURL.

8.00	Latin A.
8.00	Zoology A. with laboratory 1.30-4.00 Mon.
9.00	French A.
9.00	Greek C or D.
9.00	German C.
9.00	History A and B
10.00	English A and B.
11.00	Mathematics A.

HOURL.

11.00	Greek B.
11.00	Spanish A.
2.00	History of Art.
2.00-4.00	Chemistry A.
3.00	Music—Harmony—First Year.
*FLOAT.	German B.
	German A.
	Greek A.
	The Bible.

SOPHOMORE YEAR.

HOURL.

8.00	Anglo-Saxon, First Semester.
8.00	Chaucer, Second Semester.
8.00	French A.
8.00	Zoology A with laboratory 1.30-4.00 Mon.
8.00	Music—Harmony—Second Year.
8.00	Economic Geography, First Semester.
8.00	Commercial Mathematics, Second Semester.
9.00	Economics A, First Semester.
9.00	Sociology A, Second Semester.
9.00	Calculus.
9.00	German C.
9.00	Chemistry B and C.
9.00	Zoology B.
9.00	Greek C or D.
9.00	History A and B.
10.00	Botany C with laboratory 1.30-4.00 Wed.
10.00	Latin B.
10.00	German D-K.

HOURL.

10.00	Drawing.
10.00	Physics A with laboratory 1.30-4.00 Tues., Fri.
10.00	French B.
11.00	Greek B.
11.00	Drawing.
11.00	History C.
11.00	Spanish A.
2.00-4.00	Chemistry A.
2.00	History of Art.
2.00	German D-K.
3.00	Surveying.
3.00	English C.
3.00	Music—Harmony—First Year.
3.00	History D or E.
3.00	Spanish B.
*FLOAT.	German A.
	German B.
	The Bible.
	Greek A.
	English L or M.

*Float—9.00 Mon., 10.00 Tues., 11.00 Wed., 2.00 Thurs.

JUNIOR YEAR.

HOURL.	HOURL.
8.00 Psychology A.	11.00 Physics B or C.
8.00 Anglo-Saxon, First Semester.	11.00 Drawing.
8.00 Chaucer, Second Semester.	11.00 Chemistry E or F, Second Sem.
8.00 Music—Harmony—Second Year.	11.00 History C.
8.00 Zoology A with laboratory 1.30-4.00 Mon.	11.00 Greek B.
8.00 Greek E or G.	11.00 Physiology and Histology with laboratory 2.00-4.00 Thurs.
8.00 French A.	11.00 Spanish A.
9.00 Calculus.	11.00 English G, Tues., Fri., First Semester.
9.00 German C.	11.00 English D, Second Semester.
9.00 Chemistry B and C.	2.00 History of Art.
9.00 Economics A, First Semester.	2.00 German D—K.
9.00 Sociology A, Second Semester.	2.00-4.00 Physics D, Tues., Wed.
9.00 English H or I.	2.00-4.00 Chemistry A.
9.00 Zoology B.	2.00 French C or D.
9.00 Music-Counterpoint and Musical History.	3.00 Surveying.
9.00 Greek C or D.	3.00 Economics B and C.
10.00 Chemistry C or D.	3.00 History D or E.
10.00 Drawing.	3.00 Music—Harmony—First Year.
10.00 Botany C with laboratory 1.30-4.00 Wed.	3.00 Latin C or D.
10.00 Mathematics D, E, F or G.	3.00 Spanish B.
10.00 French B.	3.00 Com'l Law, First Semester.
10.00 Insurance, First Semester.	3.00 Statistics, Second Semester.
10.00 Actuarial Science, Second Sem.	*FLOAT. German A.
10.00 German D-K.	German B.
10.00 Physics A with laboratory 1.30-4.00 Tues., Fri.	Greek A.
	The Bible.
	English L or M.

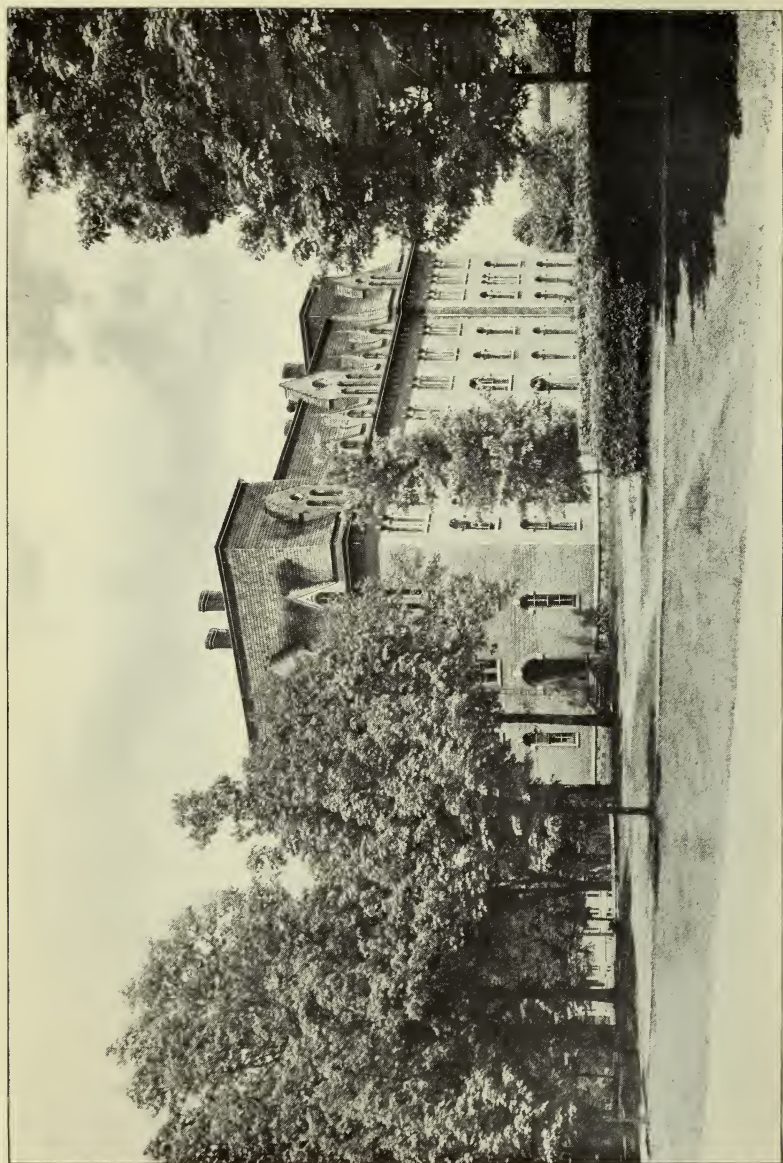
*Float—9.00 Mon., 10.00 Tues., 11.00 Wed., 2.00 Thurs.

SENIOR YEAR.

HOOR.	HOOR.
8.00 Anglo-Saxon, First Semester.	11.00 Physics B or C.
8.00 Chaucer, Second Semester.	11.00 Chemistry E or F, Second Sem.
8.00 Music—Harmony—Second Year.	11.00 Physiology and Histology with laboratory 2.00-4.00 Thurs.
8.00 Zoology A with laboratory 1.30- 4.00 Mon.	11.00 History of Philosophy, First Semester.
8.00 French A.	11.00 Ethics, Second Semester.
8.00 Greek E or G.	11.00 History C.
9.00 Calculus.	11.00 Greek B.
9.00 German C.	11.00 Sociology C, Second Semester.
9.00 Psychology B, Tues., Thurs.	11.00 English G, Tues., Fri., First Sem.
9.00 English H or I.	11.00 English D, Second Semester.
9.00 Chemistry B and C.	2.00 History of Art.
9.00 Economics A, First Semester.	2.00 German D-K.
9.00 Sociology A, Second Semester.	2.00 Sociology B, First Semester.
9.00 Zoology B	2.00 Introduction to Philosophy, Second Semester.
9.00 Greek C or D.	2.00 French C or D.
9.00 Music-Counterpoint and Music- al History.	2.00-4.00 Chemistry A.
10.00 Chemistry C or D.	3.00 Surveying.
10.00 Botany C with laboratory 1.30- 4.00 Wed.	3.00 Spanish B.
10.00 Mathematics D, E, F or G.	3.00 Latin C or D.
10.00 Physics A with laboratory 1.30-4.00 Tues., Fri.	3.00 Economics B and C.
10.00 Insurance, First Semester.	3.00 History D or E.
10.00 Actuarial Science, Second Sem.	3.00 Music—Harmony—First Year.
10.00 German D-K.	3.00 Com'l Law, First Semester.
10.00 French B.	3.00 Statistics, Second Semester.
	*FLOAT. Pedagogy.

*Float—9.00 Mon., 10.00 Tues., 11.00 Wed., 2.00 Thurs.

Unless otherwise indicated, recitations are held in each subject four days each week. No classes meet at eight o'clock on Monday.



PARSONS HALL.

DEPARTMENTS OF INSTRUCTION.

APPLIED ECONOMICS.

PROFESSOR————

The Department of Business Economy is designed to give the young business man the same specialized preparation for his calling that is being offered generally for the professions. The courses of the department are elective, and are intended to offer a mastery of modern business conditions and to give that knowledge of the tools of business that means power.

Students entering the department are expected to offer commercial courses or practical business experience in addition to the regular four years high school training.

Courses G.-K. are general in their nature and afford a broad knowledge of present day business conditions, and some mastery of the complex principles governing modern business methods. Courses L.-N. are intended to give an intimate knowledge of certain specialized industries that play an important part in the business world, and with which business men in general must have a close connection. Courses O.-P. are planned primarily for men who expect to enter the particular service.

G. ECONOMIC GEOGRAPHY. *First semester, four hours.* The course is divided into two parts of one-half semester each.

1. THE ECONOMIC HISTORY OF THE UNITED STATES. Introduced by a discussion of the physical background governing all commerce and industry, and a sketch of the development of the world through various economic stages.

2. ECONOMIC ACTIVITIES.

a Studies in production, including detailed treatment of various agricultural, manufacturing, mining, and transportation industries.

b Studies in commerce and trade. Cause and effect in trade relations. The principal lines of commerce, foreign and domestic; the play of competition; and the possibilities of the American market. Text book and lectures.

H. ADVANCED COMMERCIAL MATHEMATICS. Prerequisite, Mathematics, A. *Second semester, four hours.* A study of the mathematical principles underlying computations in foreign exchange, banking, statistical investigations, insurance, building and loan associations, trust company business, bond issues, sinking funds, etc. The development of the formulas and tables used in such compu-

tations, and their applications in numerous practical problems. Use of various short cuts, tables and mechanical aids. Lectures, laboratory practice, and problems.

- I. STATISTICS. *Second semester, four hours.* A general study of statistical methods and the work of the statistician. A general critical survey of present day statistical information. Correct principles of collection, tabulation, classification and interpretation of statistical material. A first hand statistical investigation into some practical problem by the class. Lectures, assigned readings and seminary work on the special problem.
- J. CORPORATION ACCOUNTS. *Second semester, four hours.* The theory and general practice of modern systems of expert accounting. The accounts and reports of manufacturies, banks, transportation companies, insurance companies, etc. Special studies in cost, voucher, and loose leaf systems. A practical knowledge of general bookkeeping is prerequisite to this course. Lectures and laboratory.
- K. BUSINESS LAW. *First semester, four hours.* A general study of the law of property, contract, agency, etc., with special cases. The needs of the general business man for a knowledge of correct procedure, and unsafe methods form the basis for this course. Text book, lectures, and special readings.
- L. MONEY AND BANKING. *First semester, four hours.*
1. A historical study of monetary systems and the rise of the banking business.
 2. A comparative study of the present day monetary and banking systems of the world.
 3. A practical study of the work performed by banks, trust companies and clearing houses.
Text book and lectures.
- M. TRANSPORTATION. *First semester, four hours.* Given in alternate years with course N. A general course in rail, water, and road transportation. Historical development, theory, practice, present day problems, and general relation to the state. Intensive study by each student of some railway system in the United States. Text book, topic and general reading.
- N. INSURANCE. *First semester, four hours.* Alternating with course M. The basic theory of insurance. The historic development, peculiarities, and practice of the various forms of insurance, including marine, boiler, wind, storm, fire, accident and life. A technical study of an insurance company of each type. Critical examination of policy contracts, exemptions, forfeitures, aban-

donments, and other questions of procedure under insurance contracts. Lectures and assigned readings.

- O. **TRANSPORTATION PROBLEMS.** *Second semester, four hours.* Given in alternate years with course P. A course designed especially for men who expect to enter the railroad service. Theoretical and practical problems in the location, construction, operation, reports and management of a railroad. Lectures, assigned readings, and special topics. Mathematics C. and Applied Economics J. and M. are prerequisite.
- P. **THE SCIENCE OF INSURANCE.** *Second semester, four hours.* Given alternately with course O. Especially designed for insurance men. The mathematical probability and statistical laws underlying scientific insurance. The work of the actuary. Development of insurance tables, computation of premiums, reserves, etc., and organization and management of the company. Lectures, assigned readings and special topics. Mathematics B. and Applied Economics H. J. and N. are prerequisite.

NOTE.—Owing to the resignation of the professor in charge of this department, the above courses have not been given during the present year and may not be offered in 1909-10.

ART

PROFESSOR BATCHELLOR.

Candidates for a degree may elect in their college course History of Art and two units of drawing.

COURSES.

- A. **FREE-HAND DRAWING.** *Two semesters, four hours.* The course includes angular, parallel and oblique perspective, drawing from casts, models and copies in pencil and pen-and-ink.
- B. **ELEMENTARY MECHANICAL DRAWING.** *Two semesters, four hours.* The course includes lettering, use of instruments, geometrical drawing, projection.
- C. **HISTORY OF ART.** *Two semesters, four hours.* Architecture, sculpture, painting.
- D. **DESIGN.**
1. **Historic Design.** *Two semesters, four hours.*
 2. **Applied Design.** *Two semester, four hours.*
- E. **ADVANCED HISTORY OF ART.** *Two semesters, two hours.* Open only to Art students.

BIOLOGY.

PROFESSOR RITTENHOUSE.

The work in this department is conducted by means of lectures and laboratory study. The laboratory work is facilitated by excellent equipment. The museum is large, and is a constant source of specimens for illustration. The college takes special pride in the museum, as it was selected and arranged by a former head of the biological department, Dr. H. C. Bumpus, who is now at the head of the largest museum in this country, the American Museum of Natural History in New York City.

COURSES.

- A. **ELEMENTARY ZOOLOGY.** This course is designed to give a general knowledge of the animal kingdom, the principles of classification, and an introduction to more advanced courses in biology. The morphological structure of typical forms from each group is described and studied so that the student will be able to understand the functions of the different systems of organs. The natural relationships of animals are shown; and the general problems of biology are also explained. The course is open to all college students. Four hours a week are given to lectures and two and one-half hours a week to laboratory study up to Easter. In the spring, the amount of laboratory and field work increases and the number of lectures decreases. *One unit.*
- B. **ADVANCED ZOOLOGY.** Prerequisite, Course A. In this course the comparative anatomy of the vertebrates is taken up in more detail. The comparative development of the organs of the different vertebrates is also explained. Seven hours a week are devoted to lectures and laboratory work. The student makes careful dissections and drawings of typical forms of the principal groups of the vertebrated animals, and studies the genera and species of one group with regard to their systematic relationships. Enough time is given to technique for the student to learn the general methods of preparing permanent microscopic slides. *One unit.*
- C. **BOTANY.** Four lectures and two and one-half hours laboratory work a week.
1. **General Morphology and Physiology.** During the first part of the semester, the external form and internal structure of plants are studied. The latter part of the semester is devoted to plant physiology, in which special attention is given to the following subjects:



MATHER HALL—THE SCIENCE BUILDING.

Plant stability, nutrition, respiration, growth, movement, and reproduction. *First semester. One-half unit.*

2. Special Morphology, Classification, and Life-histories of Plants. From the beginning of the semester until about Easter the Cryptogams are studied in the classroom, laboratory, and field. One of the principal objects of this semester's work is to acquaint the student with those common plants growing about us, that almost entirely escape the notice of the untrained observer. *Second semester. One-half unit.*

D. PHYSIOLOGY AND HISTOLOGY. Open to juniors and seniors. Six hours a week throughout the year are devoted to lectures, recitations, and laboratory work. The work is designed to give students a good knowledge of the essentials of animal physiology, and also a chance to study the structure of the various tissues of which the body is composed. A complete manikin and fine models of the different bodily organs are used for study and illustration. The course is intended for students who wish to gain a knowledge of the subject in order to teach it in high schools, and at the same time to give those students who look forward to a course in medicine a good foundation both in physiology and histology. *One unit.*

CHEMISTRY.

PROFESSOR LEAVENWORTH.

The courses are arranged so that a student may pursue some branch of chemistry throughout his academic career. A course in elementary physics should precede the study of chemistry, and a year of chemistry in the high school will aid one in preparing for the work of the department.

Much emphasis is laid upon the work of the laboratory, the aim being to develop the student's power of reasoning, observation, and coordination. In addition to the mental discipline, the department work aims to impart a knowledge of the fundamental principles of chemical science, to familiarize the student with the properties of the most important elements and their compounds, and to give facility in manipulation.

Students planning to become science teachers—and the demand is greater than the supply—will find course A, B, and D suited to their needs. Students looking to engineering or industrial chemistry will find in the work offered all that is required in preparation for the advanced technical courses.

The department offers an admirable course for students intending to

study medicine. The completion of these courses assures the accrediting of them at the medical colleges. The preparation offered in chemistry for this purpose is quite complete. In addition to the usual courses in general and analytical chemistry, three courses are given with a view of meeting the demands of our best medical colleges. In the study of organic chemistry special attention is given to such compounds as are of importance in medicine. Work can be obtained in physiological chemistry and in toxicology if desired.

COURSES.

- A. 1. GENERAL CHEMISTRY. *First Semester, four hours.* Lectures, recitations, and laboratory practice. The course includes a study of the elements of theoretical chemistry and of the non-metallic elements and their compounds. The laboratory work comprises a series of experiments illustrating the principles of stoichiometry, the laws of chemical action, and the preparation of such elements and typical compounds as will best show the relation between facts and general principles. Smith's Inorganic Chemistry.
2. GENERAL CHEMISTRY AND QUALITATIVE ANALYSIS. *Second semester, four hours.* Lectures, recitations, and laboratory practice. Half of the semester is devoted to a study of the occurrence and properties of the metals and their compounds, together with the metallurgy of the common ores. In the laboratory the reactions of the bases and acids are first studied, followed by their systematic separation and detection in unknown combinations. Leavenworth's Manual.
- B. QUALITATIVE ANALYSIS, ADVANCED. *First semester, four hours.* Lectures and laboratory practice. The lectures cover the principles and theory of analysis. Collateral reading is required. Analyses are made of a number of alloys, ores, and commercial products. For students interested in medicine or pharmacy, practice is offered in the detection of organic acids and bases.
- C. 1. QUANTITATIVE ANALYSIS. *Second semester, four hours.* Mostly laboratory practice. Includes the principles and practice of gravimetric and volumetric methods of analysis. Typical determinations are followed by commercial work. Considerable attention is paid to the sanitary analysis of water. Olsen's Analysis and other texts. Mason's Water Analysis. Offered in alternate years with D. 1.
2. QUANTITATIVE ANALYSIS. *First semester, four hours.* A technical course which will be adapted, as far as possible, to meet the needs

of individual students. Work may be taken in the analysis of cements, iron, fuels, oils, or in electro-chemical analysis. Offered to meet the needs of engineering students and chemists. Given in alternate years with D. 2.

- D. 1. ORGANIC CHEMISTRY. *Second semester, four hours.* Lectures, recitations, and laboratory practice. The instruction covers such classes of compounds as the hydrocarbons, alcohols, ethers, aldehydes, fatty acids and their derivatives. Remsen's Organic Chemistry, Orndorff's Manual. Offered in alternate years with C. 1.
2. ORGANIC CHEMISTRY, CONTINUED. *First semester, four hours.* Closed chain hydrocarbons. Carbohydrates, alkaloids, aromatic compounds, etc. Of interest to teachers of science and those entering medicine. Given in alternate years with C. 2.
- E. MINERALOGY. *Second semester, four hours.* Mostly laboratory practice and recitations. Includes the elements of crystallography and the determination of typical minerals.
- F. INDUSTRIAL CHEMISTRY. *Second Semester, four hours.* Offered to students who have completed C. and D. Briefly covers the organic and inorganic industries, such as coal tar, oils, soap, fermentation products, explosives, fuels, acids, fertilizers, cement, glass pigments and dyes. Thorp's Outlines of Industrial Chemistry. Alternates with E.

ECONOMICS.

PROFESSORS MILLER AND ———

- A. INTRODUCTION TO ECONOMICS. *First semester, four hours.* The first part of this course is mainly concerned with the theory of industrial society, but it will be developed so that everyone may get from fundamental principles some light on current economic problems such as rent, interest, taxes, tariff, banking, wages, monopoly, etc. Seager's Introduction to Economics will be used as a text-book, but students will be assigned topics from standard works and current articles.
- B. THEORY OF MONEY AND BANKING. Prerequisite, Course D. *First semester, four hours.* Principles of monetary science with especial attention to the systems in the United States from colonial times and comparison with other countries.
- C. PUBLIC FINANCE. Prerequisite, Course D. *Second semester, two*

hours. The raising of public revenue by direct and indirect taxation will be considered, and the effects, near and remote, of both taxation and government expenditure.

NOTE.—Courses B and C have not been offered in 1908-9.

ENGLISH.

PROFESSOR NADAL AND ASSISTANT PROFESSOR SCHONBERGER.

COURSES.

- A. RHETORIC. *First semester, four hours.* The theory of rhetoric with practical exercises illustrating the principles of the text-book. Constant theme writing is required.
- B. EXPRESSION. *Second semester, four hours.* A practical course in reading and speaking. Lectures on the principles of literary interpretation and the art of vocal expression. Exercises in the technic of pronunciation, articulation, emphasis, inflection and bodily expression, with special reference to the education of the sensibilities. Each student is required to give a number of selections before the class.
- C. 1. ARGUMENTATION. *First semester, four hours.* A course in argumentative writing, brief-drawing and debating, as outlined in Baker's Principles of Argumentation. The aim is to give the student a knowledge of the laws that govern logical reasoning and clear thinking. Each member of the class is required to draw an assigned number of briefs on current questions and to write and deliver forensics on the same. In the latter half of the semester the principles studied are put into practice in formal debating. Later each member of the class is required to enter the annual debating contests.
2. ORATORY. *Second semester, four hours.* Prerequisites, A and B. History of oratory. Special training of the voice, mind, body and emotions of the orator. The student is required to commit and deliver portions of the best orations that embody different phases of persuasion. Emphasis is laid upon absolute sincerity, directness and naturalness. A careful study of oratorical style and structure is made and each student is required to write and deliver one oration during the semester.
- D. DRAMATIC INTERPRETATION. *Second semester, two hours.* An advanced course confined mainly to the reading of Shakespere. Scene-work will be required of the class.

- E. AN ELEMENTARY COURSE IN ANGLO-SAXON. *First semester, four hours.* Some attention will be given to the principles of Germanic philology. Considerable Anglo-Saxon literature will be read, including parts of the Beowulf.
- F. CHAUCER. *Second semester, four hours.* The Prologue and several of the Canterbury Tales will be read. Special attention given to pronunciation and metre.
- G. FROM THE RESTORATION TO 1750. *First semester, two hours.* A course in outline with lectures on the period. A study of Dryden, Pope, Addison, Steele, Defoe, Richardson and Fielding. Reports by the class.
- *H 1. ERA OF THE REVOLUTION. *First semester, four hours.* A study of the poetry of Burns, Wordsworth and Coleridge, with collateral reading in Gray, Goldsmith, Johnson, Burke and Cowper. Papers by the class.
2. *Second semester, four hours.* A study of the poetry of Byron, Shelley and Keats, with collateral reading in DeQuincy, Lamb and Scott. Papers by the class.
- *I. 1. VICTORIAN ERA. *First semester, four hours.* A study of the works of Carlyle, Ruskin and Tennyson. Papers by the class.
2. *Second semester, four hours.* A study of the poetry of Browning and Arnold. Papers by the class.
- *L. HISTORICAL DEVELOPMENT OF ENGLISH LITERATURE. *Two semesters, four hours.* A course particularly adapted to the Sophomore year. This course preliminary to a later study of advanced English.
- *M. SHAKESPERE. *Two semesters, four hours.* A course open to all college students. This course will consist of a study of the dramatic art of Shakespere and a critical study of the text. The study for 1908-'09 will be based on the following plays: Romeo and Juliet, Henry IV, All's Well that Ends Well, King Lear, Macbeth, Othello, Hamlet, The Tempest. Lectures during the year on the History of the English Drama.

A well equipped library affords a rare opportunity to do literary work, and special opportunity will be given students who desire to pursue advanced courses.

*Courses H. and I. are given in alternate years, also L. and M.; I. and L. will be offered in 1909-'10.

ENGLISH BIBLE.

PROFESSOR —————

The Bible is so fundamental in the civilization of the modern world that no education can be considered complete without extensive knowledge of its contents and of its history. In addition to its ethical and religious importance the English Bible calls for thorough study because of its formative influence in English literature. In Olivet College the Bible courses are like those in other departments on the basis of four hours a week. Courses B, 1 and 2 will be given in alternate years.

COURSES.

- A. THE LIFE AND TEACHINGS OF CHRIST. *Second semester, four hours.*
Required of freshmen or sophomores.
- B. 1. OLD TESTAMENT. *First semester, four hours.* Pentateuch and early history of Israel. Lectures and themes.
- 2. OLD TESTAMENT. *First semester, four hours.* Later history of Israel and the prophets. Lectures and themes.
- C. CHRISTIAN EVIDENCES. *Second semester, four hours.* Open to seniors.
This will be a study of applied inductive logic in the consideration of theism and Christianity, showing that the grounds of Christian belief have the same validity as the evidence on which we accept modern science.

GERMAN.

PROFESSOR VAN SWERINGEN AND MISS ALGOE.

COURSES.

The aim of courses A. and B. is to prepare the student to read the German language with facility, and to understand German at hearing.

- A. 1. THE ELEMENTS OF GERMAN. *First semester, four hours.* Grammar, pronunciation, easy reading. Practice in writing and speaking German.
- 2. THE ELEMENTS OF GERMAN. *Second semester, four hours.* Continuation of A. 1. Reading of more difficult pieces.
- B. MASTER-PIECES OF GERMAN LITERATURE. *Two semesters, four hours.*
Reading of selected masterpieces of German literature, such as

Lessing's *Minna von Barnhelm*, Schiller's *Jungfrau von Orleans*, von Wildenbruch's *Harold*, von Scheffel's *Trompeter von Saekingen*. Exercises in writing German and in pronunciation.

C. Courses which may be elected the third year.

1. LESSING AS A DRAMATIST. *One semester, three hours.* Study of *Emilia Galotti* and *Nathan der Weise*.
2. GOETHE'S DRAMAS EXCLUSIVE OF FAUST. *One semester, three hours.*
3. SCHILLER'S *WALLENSTEIN* and *DIE BRAUT VON MESSINA*. *One semester, three hours.*
4. STUDIES in the HISTORY of the GERMAN NOVEL. *One semester, two hours.* Reading and discussion of selected works.
5. THE GERMAN NOVELLE. *One semester, two hours.* The historical development of the *Novelle*. Reading and discussion of representative stories. (This course alternates with C. 4.)
6. SCIENTIFIC GERMAN. *One semester, two hours.* This course is intended primarily for students in science who wish to acquire the ability to read German works on their special subjects. The nature of the outside reading will depend upon the choice of the individual student. It may lie in the field of history, literature or science.
7. GERMAN LYRICS. *Two semesters, one hour.* The lyrics of Goethe, Schiller, Heine, Uhland.
8. THE GERMAN DRAMA of the NINETEENTH CENTURY. *Two semesters, two hours.* Reading and discussion of representative plays and the problems which they present.
9. ADVANCED GERMAN COMPOSITION. *Two semesters, two hours.*
10. GERMAN CONVERSATION. *One semester, one hour.*

D. GOETHE'S FAUST. *One semester, four hours.* Part I and selections from Part II, supplemented by lectures.

E. HISTORY OF GERMAN LITERATURE. *Two semesters, two hours.* Outline course in the history of German literature from the earliest times to the nineteenth century. Lectures and recitations. (Not offered in 1908-9.)

F. GERMANIC HERO-SAGAS. *One semester, three hours.* Lectures and recitations. (Not offered in 1908-9.)

G. GERMANIC MYTHOLOGY. *One semester, three hours.* Primitive Germanic religion, customs, and ideas in their relations to German literature. (This course alternates with Course F.)

H. TEACHERS' COURSE. *Two semesters, two hours.* A systematic study of modern German grammar, phonetics and pronunciation of German. Study of one of the texts usually read in the high school.

- I. **GOthic.** *One semester, two hours.* Phonology and inflections of Gothic. Relation of Gothic to German and English. Reading of extracts in Braune's *Gotische Grammatik*.
- J. **OLD HIGH GERMAN.** *Two semesters, two hours.* Braune's *Althochdeutsche Grammatik* and *Althochdeutsches Lesebuch*.
- K. **MIDDLE HIGH GERMAN.** *Two semesters, two hours.* Paul's *Mittelhochdeutsche Grammatik*; reading of Hartmann von der Aue's *Der Arme Heinrich*.

GREEK.

PROFESSOR OLIPHANT.

The ideal of this department is to impart as much of the unique practical, disciplinary and cultural values to be gained from the study of the wonderful language and matchless literature of ancient Hellas as may be possible in each individual case. To this end there are careful drills in the inflections and syntax of the language, a rigid insistence upon an adequate and idiomatic translation and an accurate understanding and interpretation of the authors read, a proper attention to such ancillary matters as dialect and metre, history and mythology, art and archaeology, public and private antiquities, comparative grammar and philology, etymology and semasiology, lives and works of the several authors, etc., and a perennial attempt to inspire an appreciation and love for the language and literature and to create an aspiration for the higher ideals and greater culture that arise from communion with the world's master minds and a careful study of their masterpieces.

COURSES.

Courses A. and B. are intended for students that have not had Greek. For students in any other group than group 1. these two courses are elective and as such receive full college credits.

For all students in group 1. that do not present for admission two years' credits for preparatory Greek, courses A., B. and either C. or D. are required.

For all students in group 1. that, upon admission, present two years' credits for preparatory Greek, either course C. or D. and any one of courses E., F., G., H. and J. are required.

Course I. is elective for students in all groups. No knowledge of Greek is required for this course, consequently it may not be taken as a required course in Greek, but only as an elective.

Courses E, F, G, H. and J. are elective for all students that have completed courses A., B. and either C. or D.

Course D. may be taken as an elective by those who have taken C., or C. may be taken as an elective by those who have had D. Both C. and D. may not, however, be taken as required studies.

Any student in group 1. that enters with full credits for preparatory Greek may thus get in addition from two to eight units in college Greek as may be desired. Any others may get from one to six units. This affords a fine opportunity for those who wish to teach the Classics, to compete for Rhodes Scholarships, or for those who desire to secure the best training and preparation for any higher calling in life.

- A. 1. THE ELEMENTS OF GREEK. *First semester, four hours.* This is a class for those beginning the study. It aims to secure a thorough mastery of the principal inflections, a careful study of the leading principles of syntax, the acquisition of a small but efficient vocabulary and a facility in reading and writing easy sentences in Greek. There are frequent comparisons with Latin morphology, Latin and English syntax and careful attention is given to cognate and derivative words.
2. XENOPHON: ANABASIS. *Second semester, four hours.* A careful study of book 1., with constant drill in the inflections and in the syntax of the cases, moods, tenses, etc. Exercises in Greek composition.
- B. 1. XENOPHON: ANABASIS OR CYROPÆDEIA. *First semester, four hours.* Selections from books II-IV of the Anabasis or from the Cyropædeia. A thorough review of Greek grammar and Greek composition.
2. HOMER: ILIAD. *Second semester, four hours.* The text of book 1. is treated as a *corpus vile* to furnish the material for a careful study of the language and verse of Homer. The rest of the semester is spent in a more rapid reading of selected portions with attention directed chiefly to the poetic charm and literary excellence of the work.
- C. Alternating with course D. Offered for 1910-11. Omitted in 1909-10.
 1. HERODOTUS: SELECTIONS. *First semester, four hours.* A reading of considerable portions of the history along with a study of the Ionic dialect.
 2. ELEGIAC, IAMBIC AND IDYLLIC POETS. *Second semester, four hours.* Selections from the Elegiac Poets from Callinus to Callimachus, from the Iambic Poets from Archilochus to Herondas, the Pastoral Idyls of Theocritus, Bion and Moschus.

- D. Alternating with course C. Offered for 1909-10. Omitted in 1910-11.
1. HOMER: ODYSSEY. *First semester, four hours.* The Phæacian Episode and other selections.
 2. ATTIC ORATORS: LYSIAS, SELECTED ORATIONS: ISOCRATES, PANEGRICUS. *Second semester, four hours.* Lysias, exemplar of the "Plain Style," illustrates the straight-forward, practical oratory. Isocrates, exemplar of the "Middle Style," illustrates the epideictic rhetoric and florid oratory.
- E. Alternating with course F Offered for 1910-11. Omitted in 1909-10.
1. POST-CLASSICAL GREEK: PLUTARCH, LIFE OF PERICLES; LUCIAN, TIMON AND SELECTIONS. *First semester, four hours.* Plutarch's text is made the basis of a study of the Age of Pericles in the first part of the semester. The latter part is spent in reading more rapidly selections from Lucian such as Timon, the Dream, Charon, the Cock, Icaromenippus, Dialogues of the Dead, Vera Historia, etc.
 2. GREEK DRAMA: EURIPIDES, ARISTOPHANES. *Second semester, four hours.* Two plays of Euripides and one or more of the comedies of Aristophanes. Origin and development of tragedy and comedy. The Attic theatre. Presentation of a Greek play, the costume, chorus, actors, spectators, etc., etc.
- F. Alternating with course E. Offered for 1909-10. Omitted in 1910-11.
1. GREEK HISTORIANS: THUCYDIDES, XENOPHON OR POLYBIUS. *First semester, four hours.* The major part of the semester will be given to Thucydides and the history of the Peloponnesian War, its causes, events and results. The closing weeks will be given to some of the successors of Thucydides, either to Xenophon's Hellenica or to Polybius' History of the Achæan League, with brief notes on other historians.
 2. GREEK TRAGEDY: SOPHOCLES, AESCHYLUS. *Second semester, four hours.* Selected plays. History of tragedy and the tragic stage. The works of Aeschylus and Sophocles and synopses of the principal plays not read. Influence on Latin, mediæval and modern literature.
- G. Alternating with course H. Offered in 1910-11. Omitted in 1909-10.
1. PLATO; SELECTIONS. *First semester, four hours.* The Apology and Crito will be read for the life and death of Socrates, the Laches or Lysis for his "Dialectic Method," and selections from the Phædo and Republic for his immortal teachings. Brief outline of pre-Socratic philosophy.
 2. THE MELIC POETS OF GREECE: SELECTIONS. *Second semester, four*

hours. The principle fragments of the great lyric poets, Alcman, Alcæus, Sappho, Anacreon, Simonides, Stesichorus, etc., followed by longer selections from Pindar and Bacchylides.

H. Alternating with course G. Offered for 1909-10. Omitted in 1910-11.

1. NEW TESTAMENT AND PATRISTIC GREEK. *First semester, four hours.*

The gospel of Matthew entire and selections from the others. One or more of the Pauline epistles. Selections from Justin Martyr, Athenagoras, Chrysostomus or the Septuagint, as preferred. Poetical content of Matthew, history of the New Testament MSS., elements of textual criticism, etc.

2. a. GREEK LITERATURE. *Second semester, four hours.* A systematic study and comprehensive survey of the literature of Hellas from the earliest times to the Roman period, with illustrative selections from the different departments and principal writers both in prose and verse. A valuable course for all students of Greek. Or, if preferred, the semester may be spent upon a special study of

b. DEMOSTHENES: OLYNTHIACS, PHILIPPICS, DeCORONA, PRIVATE ORATIONS, ETC. Political oratory in Greece. Life and contemporaries of Demosthenes. The Macedonian conquest, etc.

I. Alternating with course J. Offered for 1909-10. Omitted in 1910-11.

1. OUTLINES OF THE POLITICAL AND CONSTITUTIONAL HISTORY OF GREECE, from the earliest times to the Roman conquest. *First semester, four hours.* Collateral readings in Grote, Holm, Duruy, and others, the native historians in translations, works on special periods as Freeman, Mahaffy, Abbott, Sankey, Curteis, Whibley, etc., etc. Papers on assigned historical themes.

2. OLD GREEK LIFE. *Second semester, four hours.* A series of studies, by lectures, text-books and collateral readings, on the public and private life of the Hellene from the cradle to the grave, including among other studies those on childhood, education, food, dress, marriage, condition of woman, house and furniture, amusements, religion, city and rural life, commerce and industry, professions, slaves, funeral and burial customs, etc., etc.

J. Alternating with course I. Offered for 1910-11. Omitted in 1909-10.

1. HISTORICAL GREEK GRAMMAR. *First semester, four hours.* After spending the first part of the semester on the historical development of Greek grammar, some time will be given to the comparative grammar of Greek and Latin. Frequent illustrations from other Indo-European languages.

2. **ELEMENTS OF THE COMPARATIVE PHILOLOGY OF GREEK AND LATIN.** *Second semester, four hours.* A careful study of phonology, morphology, etc., of the classical languages, followed by a study of etymology and semantics.

Courses in epigraphy, palæography, archæology or Modern Greek may be substituted for course J., if desired, by students sufficiently advanced.

OTHER INDO-EUROPEAN LANGUAGES. The Department of Greek is prepared to offer, at any time that the demand may justify it, to those that desire it either as a propædæutic to teaching the Classics or for the cultural value to be derived from such extension of linguistic and literary knowledge, also the courses outlined below.

Courses I. and VII. are especially valuable to students intending to teach any Indo-European language, and particularly the classical languages. No knowledge of Greek or Latin is absolutely required as a prerequisite to these two courses, yet only the student of marked ability in linguistic work would be encouraged to take them up without a good preliminary training in one or both of the classical tongues. These courses (I. and VII.) are open to juniors, seniors and graduates and may be taken concurrently.

Course I. is a prerequisite for all courses except VI. and VII.

Courses IV. and V. may be taken only after course II. or concurrently with it.

- I. **ELEMENTARY SANSKRIT.** *Two semesters, four hours.* The essentials of Sanskrit grammar and the reading of easy texts in Devanagari, such as the Nala Episode from the Mahabharata, the Hitopadeca, the Katha-Sarit-Sagara, the Manava-Dharma-Castra, the Panca-tantra, etc.
- II. **VEDIC SANSKRIT.** *Two semesters, two hours* Selected hymns of the Rig Veda and the Atharva Veda. The sacred literature of ancient India and the earliest Indo-European literature. Invaluable for the student of philology, comparative literature, comparative religion, folk-lore, etc.
- III. a. **VEDIC PROSE.** *First semester, two hours.* Selections from the Catapatha Brahmana, Aitareya Brahmana, Chhandogya Upanishad, Acvalayana Grihya Sutra, etc.
- b. **SANSKRIT DRAMA.** *Second semester, two hours.* The Cakuntala of Kalidasa, the most admired play of "India's Shakespeare."
- IV. **PALI.** *Two semesters, two hours.* The sacred language of Buddhism, Essentials of Pali grammar and readings from the Dhammapada, Cullavagga, Petavatthu, Mahavagga, the Jatakas, etc.

- V. **AVESTAN.** *Two semesters, two hours.* The sacred language of ancient Persia. Essentials of Avestan grammar. Selections from the Scriptures of Zarathushtra (Zoroaster), the Yasna, Yashts and Vendidad. Valuable for students of philology and comparative religion.
- VI. **LITHUANIAN.** *Two semesters, two hours.* The elements of Lithuanian grammar and readings from the New Testament in Lithuanian, the poems of Donalitis, the Dainas (folk-songs) and Pasukas (Maerchen). Valuable for students of philology and folk-lore.
- VII. **COMPARATIVE PHILOLOGY.** *Two semesters, two hours.* The Indo-European vowels and consonants, morphology, suffixes, etc., illustrated from the whole range of Indo-European speech. This course will be accompanied by an account of the early Indo-Europeans, their civilization, etc., and a survey of the Indo-European languages.

HISTORY.

PROFESSOR FOSTER.

The general theme in the following courses may be styled The History of Liberty in Europe and America. The courses grow in specialization of topic and application of the methods of original research as they proceed. The general objects kept steadily in view are to inform the mind and develop the capacity for grasping historical details; to exhibit the genetic character of all history by tracing the connection of cause and effect; to teach sound methods of historical reasoning; to acquaint the student with the sources from which history is drawn and the methods by which they are estimated and employed; and to employ history as a means of instruction upon the problems of our own day.

COURSES.

- A. **GENERAL EUROPEAN HISTORY, 476-1900.** *First semester, four hours.* A rapid survey of the whole field, for beginners in history, with the aid of Robinson's History of Western Europe.
- B. **THE RISE AND DEVELOPMENT OF PRUSSIA.** *Second semester, four hours.* Prerequisite, Course A. or its equivalent. Chiefly a textbook course. (using Henderson's Short History of Germany), with some parallel reading and papers upon special topics.

C. THE HISTORY OF LIBERTY IN FRANCE. *Two semesters, four hours.* Prerequisite, Course A. or its equivalent. The first semester, extending to the founding of the First Empire, may be elected without the second, but not the second without the first. The course will be conducted upon the basis of a textbook (at present Dyer and Hassall's *Modern Europe*, vols. V. and VI.), with essays and reports upon a wide range of reading. Particular attention will be paid to the progress of the French people.

D. ENGLISH HISTORY. *Two semesters, four hours.* Given in 1910-11, and every second year. Prerequisite, at least one semester of Course C.

This course will be divided into two parts, of which 1 may be taken without 2, but not 2 without 1; part 1 may also be divided, and either semester taken alone. Thus:—

1. General History of England, upon the basis of Green's *Shorter History*, Mondays and Tuesdays.
2. Constitutional History of England, upon the basis of Taswell-Langmead, with constant study of the original documents. Papers and discussions. Thursdays and Fridays.

E. AMERICAN HISTORY. *Two semesters, four hours.* Given in 1909-10, and every second year. Prerequisite, at least one semester of Course C.

This course will be divided into two parts, of which 1 may be taken without 2, and may be divided, either semester being taken alone. Part 2 may also be taken by itself, but may not be divided.

1. Selected topics in the general history of the United States, such as The Revolution, The Civil War, Rise of Parties, Party Government, Finance, etc. Mondays and Tuesdays.
2. History of the Constitution and Institutions of the United States. This will be a purely Seminary Course from the original documents. Thursdays and Fridays.

LATIN.

PROFESSOR CRITTENDEN AND MISS HEMENWAY.

The chief aim of the work in Latin is an appreciative acquaintance with what is best in the Latin language for purposes of scholarship and general culture. To this end, the major portion of the time is spent in reading a

considerable number of the great masterpieces of the literature. At the same time, in order that the student may reconstruct in imagination the life of the Roman people, the equivalent of one hour per week throughout the four years is devoted to collateral work in the broader fields of classical study.

At the outset, relative emphasis is placed upon the structure of the language. As the student advances, the amount of attention given to this phase of the work is gradually diminished, facility in rapid reading is cultivated, and more time is devoted to the study of the literature, history, and institutions of the Romans. An outline course in Roman history accompanies the work of the first two years. This consists of lectures and reading from the best historical literature, in which the salient facts in the history of Rome and the development of her institutions are presented as a background for the study of Latin literature. In the junior and senior years, each student is expected to select a topic for intensive study, the results of his work to be embodied in a paper and presented before the class.

The sophomore year includes a brief course in the history of Latin literature, illustrated by selections from representative authors. In the junior year, the regular work of the first semester is accompanied by a course of lectures on the development of Roman political institutions. In the Virgil seminary, the *Æneid* is studied as a work of pure literature, definite portions are assigned to individual students for more critical treatment, and the student is introduced to more advanced methods and materials of study. Parallel with this is a course of lectures on Roman topography and archaeology, supplemented by the best works of reference, and illustrated by stereopticon views embodying the results of the latest research. The courses in Caesar and Virgil are especially recommended to those preparing to teach Latin.

The *De Rerum Natura* of Lucretius is studied as a great masterpiece of didactic poetry and as an exposition of the philosophy of Epicurus. In the teachers' course in Caesar, the Gallic war is rapidly reviewed, certain phases of the work are studied intensively, and the students are made familiar with the best works of reference for the teacher's use. A brief course of lectures on illustrative material and methods of teaching is added. The local setting is given by the use of the stereopticon, showing the sites of Caesar's battles and sieges. Some introductory work on Latin inscriptions and manuscripts is also included in the course.

The Roman method of pronunciation is used. Juniors and seniors recite together, and the work of these years is given alternately. Course D. will be given in 1910-11.

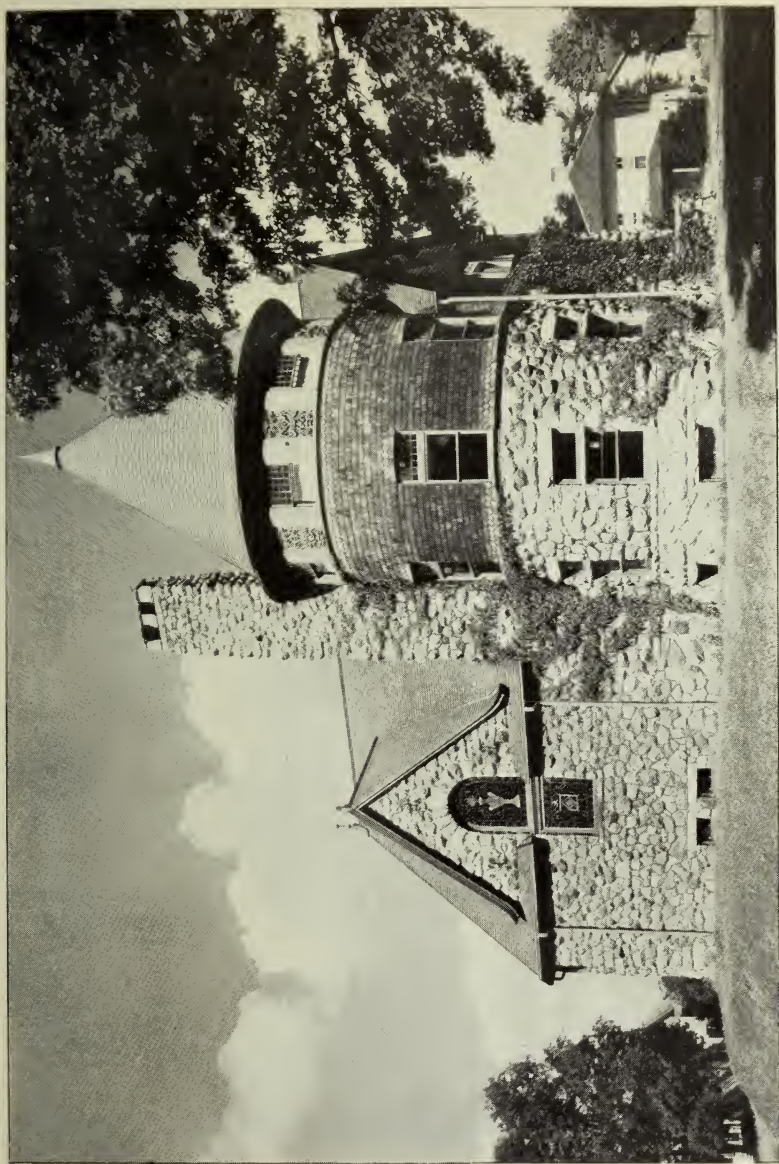
COURSES.

- A. *Two semesters, four hours.* Cicero: De Senectute, with prose composition. Livy, Book I, and selections from Books XXI and XXII. One play of Plautus. Outline of Roman history and institutions to 133 B.C.
- B. *Two semesters, four hours.* History of Latin literature. Tacitus Agricola, and Germania. Horace, Odes, with selections from the Epodes, Satires, and Epistles. Outline of Roman history and institutions from 133 B.C. to 337 A.D.
- C. 1. *First semester, four hours.* Pliny: Selections from the Letters. Juvenal: Selections from the Satires. Roman constitutional history.
2. *Second semester, four hours.* Seminary in Virgil. Topography and monuments of Ancient Rome.
- D. 1. *First semester, four hours.* Lucretius: De Rerum Natura, Books I, III and V.
2. *Second semester, four hours* Teachers' course in Caesar.

MATHEMATICS.

PROFESSOR KNAPP.

In the selection of the courses offered in this department certain considerations have been kept in view. Mathematics is an important department of human knowledge, and certain branches are offered because they are subjects with which every person of broad culture should have some acquaintance. Other branches are chosen to meet the needs of those who wish successfully to pursue courses in the physical sciences and in engineering. Still other subjects are taken up which will be of especial value to those who purpose to teach mathematics. All the subjects are exceptionally well adapted to call forth the student's intellectual resources and to furnish valuable mental discipline, and while the instruction is designed to afford the necessary basis for further work in pure and applied mathematics, the chief aim is to promote habits of exact, logical reasoning, and to stimulate originality and independence of thought. Special effort is made to develop ability in mathematical analysis. To insure a thorough mastery of a subject, written reviews are held at frequent intervals. The problems assigned at recitations are drawn largely from outside the text-book. From this work the student acquires a keen and quick perception of principles, and accuracy and readiness in their application.



ADELPHIC SOCIETY HALL.

In surveying, especial prominence is given to field work. The student becomes familiar with the use and adjustment of the instruments and with the methods employed in practical surveying. The work includes the calculation of areas, chaining, triangulation, leveling, plotting, establishing grades, dividing land, and topographical surveying. The opportunity to take up a more extended course, embracing railway location and construction, and hydraulic engineering is offered.

COURSES.

- A. 1. COLLEGE ALGEBRA AND TRIGONOMETRY. *First semester, four hours.*
Elective in groups I and III; required in all the other groups.
- 2. ANALYTIC GEOMETRY. *Second semester, four hours.* Elective in groups I, III and IV; required in all other groups.
- B. DIFFERENTIAL AND INTEGRAL CALCULUS. Prerequisite, A, 1 and 2.
Two semesters, four hours. Required in the mathematical-physical group; elective in all other groups.
- C. SURVEYING. Prerequisite, A, 1. *Two semesters, four hours.*
- D. 1. DIFFERENTIAL EQUATIONS. Prerequisite, A, and B. *First semester, four hours.*
- 2. DETERMINANTS. Prerequisite, A, and B. *Second semester, four hours.*
- E. 1. SOLID ANALYTIC GEOMETRY. Prerequisite, A, 1 and 2. *First semester, four hours.*
- 2. VECTOR ANALYSIS AND QUATERNIONS. Prerequisite, A, and B.
Second semester, four hours.
- F. 1. THE THEORY OF EQUATIONS. Prerequisite, A, and B. *First semester, four hours.*
- 2. ASTRONOMY. Prerequisite, A, 1 and 2. *Second semester, four hours.*
- G. THE HISTORY OF MATHEMATICS,. *Second semester, four hours.*

MUSIC.

PROFESSOR BINTLIFF AND MISS HOPPOUGH.

Electives toward the A. B. degree amounting to four units may be chosen from the courses outlined below as follows: not to exceed two units from Courses A and B; and not to exceed two units from Courses D, E, F, G, H, and I.

A. CHORAL WORK. Membership in the oratorio chorus, with attendance at all rehearsals and public appearances, will be granted one-

fourth unit credit yearly, provided the work has been preceded by the equivalent of Course C.

- B. Membership in the church choir will be credited under similar condition one-fourth unit yearly.
- C. SIGHT READING. A class in sight-singing and the rudiments of music, two hours weekly throughout the year, is free to all students though no credit is granted for this work toward the A. B. degree.
- D. HISTORY OF MUSIC. *Two semesters, two hours.*
- E. EARTRAINING. Prerequisite, Course C. *Two semesters, two hours.*
- F. HARMONY. Prerequisite, ability to play at sight ordinary hymn tunes. *Two semesters, two hours.*
- G. ADVANCED HARMONY. Prerequisite, Courses E. and F. *Two semesters, two hours.*
- H. HARMONIC ANALYSIS and ANALYTICAL STUDY of FORMS. Prerequisite, Courses F and G. *Two semesters, two hours.*
- I. COUNTERPOINT. Prerequisite, Courses E and F. *Two semesters, two hours.*

PEDAGOGY.

PRESIDENT LANCASTER.

The college aims to supply the best facilities to young men and women who wish to supplement a broad and generous college course by thorough training for high school teaching, or for positions as principals and superintendents. In accordance with the legislation of 1893, graduates of the college who have completed the required course in the science and art of teaching may receive a state teacher's certificate. The certificates are granted by the State Board of Education, and are good for four years. Whenever the holder of such a certificate files with the state board satisfactory evidence of having successfully taught in the schools of the state for three years, he may receive a life certificate.

During the second semester, a course of lectures is given by members of the faculty on methods in special studies, including all the more important subjects taught in high schools. In connection with these lectures, the class, under the direction of the instructor, visits various excellent schools.

The members of the class are required to become familiar with a considerable amount of the most helpful pedagogical literature. The library affords excellent facilities for this phase of the work. The class is limited to seniors,

except by special permission of the faculty. The work in pedagogy should be preceded by the full year in general psychology.

The department makes a special effort to secure positions for those of its graduates who have shown themselves possessed of the scholarship and other qualifications requisite for success in teaching. For several years the demand for Olivet teachers has been in excess of the supply.

COURSES.

- A. HISTORY AND PHILOSOPHY OF EDUCATION. *First semester, two hours.*
A brief survey of the history of education with study of the educational reformers, school systems, and curricula of Europe and America. Lectures, reading, and seminary reports.
 - B. CHILD STUDY AND SCHOOL HYGIENE. *Two semesters, two hours.* A study of the child from the standpoint of development, together with problems of fatigue and general hygiene of the child.
 - C. THEORY AND PRACTICE OF EDUCATION. *Second semester, two hours.* A study of the practical problems which arise in teaching and school administration from the point of view of educational theory and experience in school work. Lectures and conferences.
 - D. PEDAGOGICAL SEMINARY. *Two semesters, one hour.*
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PHILOSOPHY.

PROFESSOR MILLER AND PRESIDENT LANCASTER.

COURSES.

- A. HISTORY OF ANCIENT PHILOSOPHY. *First semester, four hours.* Open to seniors. A study of the development of constructive thought from the beginning of philosophy to the end of the Socratic period. The course will be an introduction to the problems of philosophy and will lay especial emphasis upon the connections of the various points of view so that the genetic growth of philosophy may be seen. Weber's History of Philosophy will be used as a text-book, but there will be constant reference to the works of the different philosophers.
- B. MODERN PHILOSOPHY. *Second semester, four hours.* Beginning with general scientific awakening in the sixteenth century, this course will study the parallel development of philosophy. A brief summary will be given of the philosophic positions of the present and

their dependence upon the preceding thinkers will be traced. No text-book will be required, but extensive reading will be assigned, so that a first-hand acquaintance with the exponents of the various philosophic systems may be obtained.

- C. **ETHICS.** *Second semester, four hours.* This course is intended to follow the work of the first semester in the history of philosophy. The history and principles of ethics will be given in a brief course of lectures, followed by topical discussions of the greatest practical problems, with assigned readings from the library. *Courses A. B. and C. may be given in two semesters as one course.*
- D. **INTRODUCTION TO PHILOSOPHY.** *Second semester, four hour.* Open to all seniors whether or not other courses in philosophy have been taken. A general survey of the field and problems of philosophy. The doctrine of nature and mind, of knowledge and being, of science and metaphysics, and the fundamental relation of these will be studied. Paulsen's Introduction to Philosophy will be used as a text.
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PHYSICAL CULTURE.

MR. HALL AND MISS PATERSON.

In recognition of the importance of physical exercise and the prominent place it occupies in the educational system of today, the college is giving more attention each year to the care and systematic training of the physical powers of the student. This includes the regular class work of the gymnasium and the athletic games common to college life.

Regular class work is required of every student—except those excused on account of outside work or physical debility—which aims to correct, develop and maintain the physical powers of the individual. Here he has opportunity to become erect and graceful of carriage, to broaden his shoulders, fill out his chest—thereby increasing his lung room—to strengthen and develop weak and neglected parts, tone up the nervous system, and in general give his physical powers opportunity to keep pace with his mental.

The young women's and young men's departments are provided with separate gymnasiums and instructors. That of the young women is located on the second floor of Shipherd Hall. The young men's gymnasium is gradually being improved and refitted, the aim being to bring it up to modern requirements as fast as finances will permit. In the same building with the young men's gymnasium are located the bowling alleys, which are open to the use of every member of college.

In the line of athletics, the gymnasium affords good accommodation for indoor work along the line of basket-ball, indoor baseball, volley-ball, and the regular indoor events, such as jumping, vaulting and kicking, wrestling, etc. For outdoor work, Olivet possesses one of the best athletic fields in the state, the scene many notable victories, for Olivet almost invariably has a strong team, and is generally among the leaders of the M. I. A. A.

PHYSICS.

PROFESSOR SMITH.

The courses in physics are designed to give the student a thorough knowledge of the subject, to familiarize him with its numerous practical applications, and to train him in habits of exactness, close observation, logical interpretation of phenomena and methods of scientific investigation. Courses A and B or C are required of students in the mathematical-physical group, and afford a good preparation for work in engineering. Course D is especially designed for those students who expect to become teachers of physics. Courses B and C are given in alternate years.

COURSES.

- A. GENERAL PHYSICS. Prerequisites, elementary physics and plane trigonometry. This course extends throughout the year and covers all of the general divisions of the subject, special emphasis being laid upon mechanics. The course consists of three lectures or recitations and two periods in the laboratory per week. *One unit.*
- B. WAVE-MOTION AND LIGHT, *first semester*; ELECTRICITY AND MAGNETISM, *second semester*. Prerequisites, Course A and calculus. This course consists of three lectures or recitations per week and six hours of laboratory work. In the first semester the subject of radiant energy is viewed as a whole. The topics considered are the general theory of wave-motion, interference, diffraction, polarization and double refraction, ultra-violet rays, thermal radiations and electro magnetic waves. The lectures are based largely on the works of Preston, Drude and Wood. The laboratory work involves the use of such instruments as the spectrometer and diffraction grating, the Michelson interferometer in various forms, the polariscope, and various forms of oscillator and receiver. The second semester is devoted to an introduction to the mathematical theory of electricity and magnetism based on J. J. Thomson's Ele-

ments of Electricity and Magnetism. The laboratory work consists in electrical measurements using as references Nichols, Carhart and Patterson, Stewart and Gee, Henderson, and others. Given in 1910-'11. *One unit.*

- C. THEORETICAL MECHANICS, *twelve weeks*; THEORY OF HEAT AND THERMODYNAMICS, *twelve weeks*; APPLIED ELECTRICITY, *twelve weeks*. Prerequisites, Course A and calculus. The first part of the course consists of lectures and recitations four hours per week based largely on the works of Hoskins and Ziwet. The remaining portions of the course consist of three lectures or recitations and six hours of laboratory work per week. The last twelve weeks of the course are devoted to a study of dynamo-electric machines and other applications of electricity. Given in 1909-'10. *One unit.*
- D. METHODS OF LABORATORY PRACTICE. Prerequisite, Course A. This course includes the preparation of laboratory material, glass-working—cutting, grinding, polishing, and testing of surfaces—glass-blowing, cleaning of mercury, silvering, soldering, screw-cutting, tempering, elementary lathe work, and photography. Occasional lectures are given on the general problems of physics teaching and the reading of Cajori's "History of Physics" and Hall's "The Teaching of Physics" is required. Either semester. *One-half unit.*
- E. EXPERIMENTAL PHYSICS. Prerequisite, Course A and B or C. A course for advanced students consisting of the repetition of classical experiments or important recent investigations. *One unit.*

PSYCHOLOGY.

PRESIDENT LANCASTER AND PROFESSOR MILLER.

The courses in psychology cover the whole of junior and senior years. In the first semester of senior year there is offered a course in advanced psychology, intended to follow the first year's work. The course in child psychology extends through senior year.

COURSES.

- A. INTRODUCTION TO PSYCHOLOGY. *Two semesters, four hours.*
1. NEUROLOGY. Lectures on the brain and nervous system with careful dissections, by the class, of brains of animals, and study of the human brain. Six weeks.

2. ANIMAL PSYCHOLOGY. Lectures, reading of Romanes, Morgan, Binet and others. A study of comparative neurology of animals, with a thesis by each member of the class on the nervous development of some species of animals, compared with the habits and environment of the same animal. Six weeks.
 3. EXPERIMENTAL PSYCHOLOGY. Introductory lectures and experiments showing the general relation between sensation, perception, and apperception. Four weeks.
 4. DESCRIPTIVE PSYCHOLOGY AND LOGIC. James' Briefer Course; recitations, lectures, and parallel readings. Jevons' Elementary Lessons in Logic. Twenty weeks.
 5. PSYCHOLOGICAL SEMINARY. The leading subjects in modern psychology. Theses and discussions.
- B. ADVANCED PSYCHOLOGY. *Two semesters, two hours.* Prerequisite, Course A. This course will be based upon experimental work.

ROMANCE LANGUAGES.

MRS. MILLER AND MISS CAMPBELL.

French was for so long the language of diplomacy because of its clearness and accuracy in expressing fine shades of meaning. It still possesses those qualities which won it that distinction; and, because of the drill it affords in clear, definite and logical thinking, has great disciplinary value. In both French and Spanish, stress is laid on mastery of idiom and insight into foreign modes of thought and expression. The practical use of the foreign language in conversation and composition is insisted upon from the beginning of its study.

FRENCH.

A. ELEMENTARY FRENCH.

1. *First semester, four hours.* Fraser and Squair's Grammar, Part 1. Guerber's Contes et Legendes, Vol. I.
2. *Second semester, four hours.* Composition, conversation, drill on irregular verbs. French Daily Life, Buffum's Short French Stories, Dumas, Monte Cristo.

B. 1. MODERN FICTION AND PLAYS. Prerequisite A. *First semester, four hours.*

2. *Second semester, four hours.* Continuation of preceding semester's

work and introduction to French drama. Lanson's History of French literature.

- C. FRENCH LITERATURE. Prerequisites A. and B. *Two semesters, four hours.* General view of French literature, from early period to the present. Lanson's History for reference. Alternate with D.
- D. FRENCH LITERATURE. Prerequisite A. and B. *Two semesters, four hours.*
 - 1. Seventeenth century.
 - 2. The romantic movement in France.
- E. Prerequisite A., B. and C. or D. May accompany C. or D.
 - 1. OLD FRENCH. *One or two semesters, two hours.* Paris' and Langlois' Chrestomathie, La Chanson de Roland and other texts to be selected.
 - 2. PHONETICS. *One or two semesters, two hours.* Vietor's Kleine Phonetik and Nyrop's Manual. Lectures experiments and seminars.
- F. HISTORICAL READINGS. Prerequisites A., and one year history for those who wish to count it as history.

SPANISH.

- A. ELEMENTARY SPANISH. *Two semesters, four hours.* Hill's and Ford's Spanish Grammar, easy modern prose, composition and conversation based on Spanish Daily Life.
- B. 1. SPANISH LITERATURE. *Two semesters, four hours.*
Plays and novels by Alarcon, Quevedo, Calderon, Moratin, Galdos, Valera and Bazan.
- 2. Don Quixote.

SOCIOLOGY.

PROFESSOR MILLER

- A. SOCIOLOGY. Prerequisite, Course D. *Second semester, four hours.*
This course will outline the development and structure of society. It will consider the forces, both physical and psychical, which are involved in social relations. Each student will select some special social problem in which he is interested, and make a careful investigation for report to the class. Blackmar's Elements of Sociology will be required as a handbook, but will be supplemented by much outside reading and lectures.

- B. ADVANCED SOCIOLOGY AND SOCIAL ETHICS. Prerequisite, Courses A. and D. *First semester, four hours.* This course will discuss various theories of the development of society with the purpose of getting an independent view. Every one will be required to read Kidd's Social Evolution. The course will be in part lectures but chiefly assigned reading and reports. There will be freedom for open discussion in the class. Social problems will be studied in the light of present day charitable efforts. Toward the end of the semester each student will present a report of some investigation which he has chosen, stating at the close his personal conclusions.
- C. PROBLEMS OF LABOR. *Second semester, four hours.* Prerequisite, Courses A. and B. This course will deal with relations between employer and employed, including such topics as methods of remuneration, profit sharing etc.; labor organizations and strike legislation; employers' liabilities; child labor and the problem of the unemployed. Each student will make an investigation of some labor problem.
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SUB-FRESHMAN CLASSES.

The Preparatory Department of Olivet College has been discontinued. In order to meet the needs of those students who are not fully prepared for the work of freshman year, classes are formed in certain preparatory studies. The following subjects will be taught in 1909-'10: Virgil, Physics, Review Mathematics, and English.

The attention of students desiring a preparatory course is directed to Benzonia Academy at Benzonia, Mich., an institution closely associated with Olivet College and whose work is accepted by the college for admission.

GENERAL INFORMATION.

Admission.

Applicants for admission to any department of the college must present satisfactory testimonials of good character, and, if from other institutions of learning, certificates of honorable dismission.

The requirements for admission to the college department are stated on pages 15-18.

The college provides blanks on which the student should have his credits entered and certified by his principal or superintendent. These certificates should be sent to the secretary of the college *directly after the close of the school year*, and should be accompanied by the note-books in physics and chemistry, if credit in those subjects is desired. Students who wish to enter the conservatory should also procure blanks and send credits in any high school subjects which they have completed. Candidates from schools not upon the accredited list may be admitted upon examination in the required subjects. These examinations will be held on Monday and Tuesday of the opening week.

All credits brought from other institutions should be presented not later than at the time of entering. Candidates for advanced standing who do not present credits will be examined in the subjects in which credit is desired.

Membership.

Students will be amenable to the regulations of the college from the time of their arrival.

Students are connected with the college three months before attaining full membership. If, during that period, their scholarship, conduct, or character is such as to render a longer connection unprofitable or inadvisable, they may be so informed privately, and allowed to withdraw without any further action; and whenever a student's influence is found to be bad, the faculty may separate him from the college without making formal charges.

Any student with no unsettled accounts against him, and otherwise in good standing may, at his own request, be granted an honorable dismission.

Scholarship and Studies.

If a student does not exhibit a satisfactory degree of proficiency in any study, notice shall be given him, and may be given his parents or guardian. If he does not then make the required improvement, he may be remanded to a lower class or dismissed from the college.

At the close of each semester the general average of the scholarship of each student, as well as the statement of his attendance on prescribed duties, is sent to his parents or guardian.

Examinations in all the studies pursued are held at the close of each semester, or, at the option of the instructor, at the time of the completion of the subject.

All students are earnestly recommended to enter at once on the systematic prosecution of some one of the courses of study prescribed in this catalogue; they may, however, under the direction of the faculty, elect such studies as they prefer.

Honors and Prizes.

Three honors will be given to the members of the senior class, to be known respectively as the classical honor, open to students in groups I and III; the honor in history and economics open to students in groups II and IV, and the scientific honor, open to students in groups V, VI and VII. In each set of groups the honor will be given to the regular student whose average marks are the highest. Those students will be considered regular who, at the beginning of the second semester of the senior year, have completed at least fourteen units, who purpose to have taken, at the time of graduation, all the required work of the group, and who have been in actual attendance not less than three semesters.

In addition to the above honors, the member of the senior class, irrespective of group, having the highest average marks in a regular group, will be given an honor to be known as the high honor of the class.

The Honors of the college class of 1908 were awarded as follows:

Mabel Brown Ellis, Tabor, Ia., Classical and High Honor.

Henry Dwight Hughes, Bellevue, Philosophical Honor.

Jephtha A. Wade, Charlotte, Scientific Honor.

By the generous endowment of a rhetorical prize fund by the late Samuel F. Drury, Esq., of Olivet, \$40 is annually distributed in prizes for excellence in composition and oratory. Twenty dollars is awarded at the prize exhibition of students of the college course. These prizes for 1908 were awarded as follows:

First Prize to Clarence S. Blake, Olivet.

Second prize to Jay S. Pettitt, Benzonia.

Twenty dollars is given to the students of the sub-freshman classes for excellence in declamation and composition.

These prizes for 1908 were awarded as follows:

First Prize to Harold S. Gibbs, Mayfield.

Second Prize to Carl F. DeLano, Kalamazoo.

Scholarship Prizes.

Prof. John H. Hewitt, of Williams College, formerly a professor in this college, has given \$1000 to establish a prize in memory of his son, John Downing Hewitt. This prize is open to students in group I. It was awarded in 1908 to Alice M. Armstrong, Guthrie, Oklahoma.

The Alumni Scholarship, now amounting to \$500, provides an endowment, the income of which is awarded annually as a prize open to students in groups II, III and IV. It was awarded in 1908 to Hazel E. Alward, Clare.

The bequest of \$1000, from Mr. Richard W. Shapleigh, an alumnus of the class of 1882, provides an endowment, the income of which is awarded annually as a prize open to students in groups V, VI and VII. It was not awarded in 1908.

Each of these prizes is given at the end of the second year in college to the student who has *been regular in his course*, and who *proposes to be regular* and has *ranked highest* through the freshman and sophomore years. A student, to compete, must at this time have completed all the requirements for admission and completed eight college units of his course.

Mr. Deloraine P. Corey, of Malden, Massachusetts, has given to the historical department the sum of twenty-five dollars (\$25), to be awarded in two prizes of fifteen dollars (\$15) and ten dollars (\$10) respectively for the best historical essay on some subject taken from the fields of English or American history. These prizes are open to all students of the college who have had one college unit in history. The object of the gift is to stimulate interest along historical lines, and to train the student in a careful and critical research among documents and sources of history. The subjects for the essays must be handed in to this department by December 1st, and the completed work should be ready by May 15th.

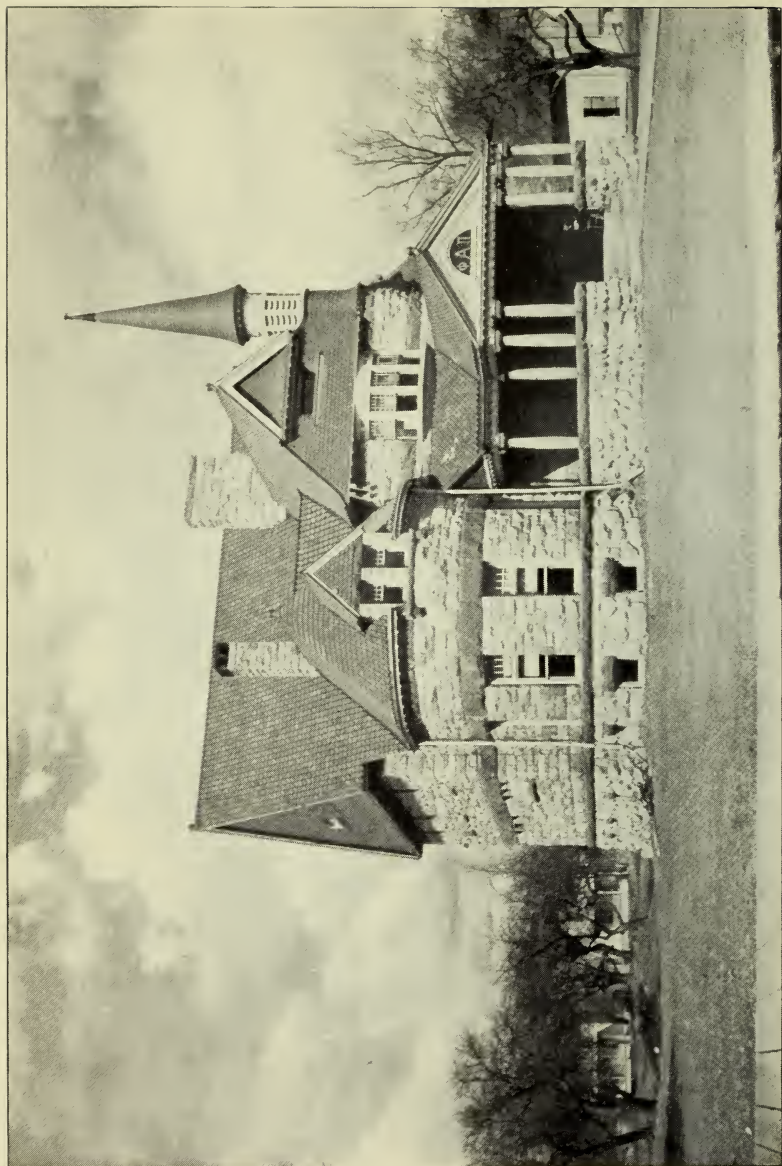
These prizes in 1908 were awarded as follows;

First Prize to George O. Leonard, Durand.

Second Prize to Emma H. Hume, Lansing.

Degrees.

The degree of Bachelor of Arts is conferred upon the graduates from each of the seven groups of college work.



PHI ALPHA PI FRATERNITY HALL.

The Master's degree will be conferred in accordance with the following provisions:

Any candidate who has taken the Bachelor's degree in Olivet College, or in any other institution requiring an equivalent amount of work for that degree, may be recommended for the Master's degree, provided that for a period of one year of residence, or two years of non-residence, he pursues a course of advanced, non-professional study, passes examination, and presents a satisfactory thesis. The course of study must be approved by the committee on degrees, and the examination must be before them.

Graduate students, if non-resident, shall pay to the secretary of the college ten dollars at the beginning of the course of study. This sum shall be both a registration fee and the first year's tuition. The tuition shall be ten dollars a year whether the work is carried on two or more years. The fee for the Master's degree, including the diploma and one dollar for binding thesis, shall be eleven dollars. The thesis shall be typewritten on regular typewriter paper with a margin of at least an inch at the left of the page. The thesis shall be deposited in the college library.

Graduate work may now be done in the departments under the direction of the professors, and all facilities of library and laboratories will be at the service of the candidate, subject, however, to the regulations of the committee.

HERBERT ADOLPHUS MILLER,	} Committee.
FRANK HUGH FOSTER,	
SAMUEL GRANT OLIPHANT,	
ELLSWORTH GAGE LANCASTER,	

Literary Societies.

The students sustain four prosperous literary societies: the Soronian and Sigma Beta, for young women, and the Phi Alpha Pi and Adelpic, for young men. All college students and senior preparatory students are eligible to membership in these societies. All the exercises are open to visitors, and a friendly rivalry and healthy enthusiasm make their weekly meetings both profitable to their members and attractive to their friends. Their annual public exercises are occasions of great interest and of marked literary excellence. There is also the Musical Guild, in connection with the Conservatory of Music, which holds a public session every month. Two of the societies have already adorned the campus with fine buildings, and a third hall will be erected the coming year.

The Adelpic Hall is a gem of the monumental style of architecture, built of field-stone. It contains an auditorium, reception rooms and cloak rooms on the first floor; a library, committee rooms and janitor's room on the second floor.

The Phi Alpha Pi Hall in its style of architecture is a combination of Swiss and Greek. It is built of native field-stone laid in "Ashler" style, elaborately trimmed with Lake Superior sandstone. The spacious portico in front is supported by columns of red granite, and the roof and gables are of Spanish tile. The building contains an auditorium, reception hall, parlor, library and cloak rooms on the first floor; kitchen, pantry, committee rooms and janitor's rooms on the second floor.

Religious Culture.

All students are required to attend devotional exercises daily in the college chapel and public religious worship every Sabbath morning at the college church.

The students sustain two organizations for religious and philanthropic work, entitled the Young Men's and the Young Women's Christian Associations. They maintain weekly religious meetings, which contribute much to the spiritual life of the college.

Young Women's Department.

Women are admitted to the college on the same terms as men. The same courses of study are open to them, and, except in physical culture, they receive training in the same classes. It is recognized, however, that in matters of general welfare and deportment they need, in college as in their homes, the special advice and counsel of one of their own sex, who shall be to them at all times associate, friend and authoritative adviser. Such supervision is exercised by the Dean of women.

Shipherd Hall is the natural college home, and has rooms for about seventy young women, in addition to those reserved for the women of the faculty.

Rooms and Board.

Rooms and board may be obtained either at the college or in private families, as preferred.

In SHIPHERD HALL young women may secure furnished rooms and board at from \$3.25 to \$4.00 per week for each student, provided two occupy the same room; board with furnished room for one, from \$4.00 to \$5.50 per week. These prices include fuel and lights.

Rooms in this hall cannot be engaged for less than a semester.

Every occupant of this hall furnishes her own sheets, pillow-slips, towels and napkins.

It is the purpose of the college to keep the board as near cost as possible, and these prices may vary as necessity requires.

Students may secure board and rooms in private families but young men and young women may neither room nor board at the same place in the town without special permission of the faculty.

In FAMILIES, table board is from \$2.50 to \$3.00 per week.

BOARD AND ROOMS are from \$3.00 to \$5.00 per week, fuel and lights included.

Applications for room and board may be made by letter to the college secretary or, upon arrival, to the Committee of the Christian Associations.

Expenses.

All tuition fees of each semester shall be paid not later than the first of October and the fifteenth of February, and board at Shipherd Hall is payable monthly in advance.

TUITION: College Department, per semester..... \$25 00

MUSICAL DEPARTMENT: For Statement of Expenses, see page 69 of this catalogue.

ART DEPARTMENT, per semester 25 00

LABORATORY FEES:

In Zoology, per semester \$ 4 00

In Botany, per semester... 3 00

In Physics, per semester, College..... 3 75

Preparatory 2 00

In Chemistry, per semester.... 7 50

Deposit, to cover breakage, per semester..... 2 00

Course in Determinative Mineralogy, per semester 3 00

TABLE BOARD, at Shipherd Hall, \$2.50 per week, per semester.... 45 00

ROOM RENT, Room, furnished, heated, lighted (average), per semester..... 18 00

TEXT-BOOKS, estimated average cost, per semester 7 50

GRADUATION: To cover the expenses of a diploma for each Bachelor's degree conferred..... 5 00

The following may be considered a fair estimate of the necessary expenses of a student for a semester of eighteen weeks:

	College	Musical	Art
Tuition.....	\$ 25 00	\$ 25 50	\$ 25 00
Incidental Fee.....	....	5 00	.....
Departmental Fee..	4 00	7 50	.....
Piano Rent.....	....	7 50	.....
Musical Library....	....	1 50	.....
Table Board.....	45 00	45 00	45 00
Room Rent.....	18 00	18 00	18 00
Text-books.....	7 50	5 00	(supplies) 5 00
Laundry.....	9 00	9 00	9 00
Total, average...	<u>\$108 50</u>	<u>\$124 00</u>	<u>\$102 00</u>

These estimates show that \$225.00 will cover all necessary expenses for a year at Olivet in the college, or art departments. The difference in the expenses of the conservatory of music is more than offset by the free literary advantages worth from \$15.00 to \$30.00. The student of means usually spends more than \$225.00. He may prefer to room alone, or wish to gratify personal tastes. Many give freely, even liberally, to the various student organizations. Students of limited means usually spend less than the amount named; they forego some desirable but dispensable things; they rent less expensive rooms; a few board themselves, and thus reduce this item one-half. Many earn a part of their expenses; some one-half; a few nearly all.

If you are interested in the matter of an education, put your case in writing and forward it to the secretary of the college. You should state in detail:

1. What subjects you have completed, and in what school.
2. What course or department of work you wish to enter, and what special line of work you expect to pursue.

Parents, pastors, teachers, and others interested in the young people of their communities, are requested to forward their names, together with such data as will enable the college to write them intelligently.

Beneficiary Aid.

The Christian ministry has strong attractions for earnest young men of ability, and Olivet College offers them excellent opportunities. Courses of study are especially designed to meet their needs, and financial aid will be given them when they prove themselves worthy of it.

Needy young men in the sophomore, junior, and senior years of the collegiate classical course, who are preparing for the ministry, can ordinarily receive \$50 a year from the Congregational Education Society.

The Board of Education of the Presbyterian Church aids students under the care of the Presbytery to the amount of \$75 to \$100 per year.

Upon application to the Executive Committee, an amount not to exceed one-half the tuition is remitted to the daughters of home and foreign missionaries.

The income of the Billings Fund is annually appropriated to aid needy and worthy students who are preparing themselves for missionary work.

The income of the Carter Fund is bestowed upon worthy young women who need assistance.

The income of the Bella House Fund, now amounting to \$250 per year, is used in aiding such worthy young women of limited means as are recommended by the president of the college and the dean of the women's department.

Permanent Scholarships.

The college desires to secure one hundred scholarships of one thousand dollars each, the principal of which shall be invested and the interest alone used for tuition and incidentals of deserving students recommended by the faculty. Some of these might well be memorial scholarships; others would perpetuate the name of the donor. This form of giving is earnestly recommended to those who wish to give a moderate sum and yet have it characterized by unity and individuality.

There is no nobler benevolence than that of helping some purposeful young man or woman into a life of usefulness.

Eight such scholarships have already been founded:

THE HOSFORD SCHOLARSHIP. One Thousand Dollars; given by Prof. and Mrs. Oramel Hosford, of Olivet.

THE DENNIS WARNER SCHOLARSHIP. One Thousand Dollars; given by Dennis Warner, of Dexter.

THE N. B. WEST SCHOLARSHIP. One Thousand Dollars; given by N. B. West, of Allegan.

THE J. C. CLARK SCHOLARSHIP. One Thousand Dollars; given by John C. Clark, of Grand Rapids.

THE LUCY A. HUBBARD CHILDS SCHOLARSHIP. One Thousand Dollars; given by Mrs. Lucy A. H. Childs, of Whittaker.

THE CAROLINE E. SKINNER SCHOLARSHIP. One Thousand Dollars; given by Mrs. Caroline E. Skinner, of Battle Creek.

THE CHELSEA CHURCH SCHOLARSHIP. One Thousand Dollars; given by Mr. and Mrs. Thomas W. Sears, C. H. Kempf, H. S. Holmes, W. J. Knapp, and Mrs. D. Spaulding, of Chelsea.

THE EDWIN N. ELY SCHOLARSHIP. One Thousand Dollars; given by Mr. Edwin N. Ely, of Olivet.

The New England Alumni Association of Olivet College have established a scholarship to be known as The New England Scholarship.

The Potter Banking Fund has been established by the late Mrs. Ella J. Potter of Alpena. The income will amount to \$1,000 per year which will be loaned to students upon the recommendation of the president of the college.

Facilities for Self-Support.

The college desires in every way to encourage students of limited means, but it cannot furnish manual labor. Faithful young men can usually find employment for themselves about the college or in the village with satisfactory compensation, for all the time they can spare from their studies. A limited number of young women at Shipherd Hall can pay a part of their board by assisting in the domestic work, and others find work in the homes of the village. A few students, by rigid economy and hard work, meet all their expenses from their earnings while studying, but in such cases health

and studies are likely to suffer. No one should come without at least forty or fifty dollars at his command for use if needed. A part of the tuition is furnished to a few students, as provided for elsewhere, and the college has funds for otherwise aiding to some extent certain classes of needy students. The great advantage Olivet College offers students of this class, however, is the very low rate at which all its facilities are furnished. With the practice of economy in all expenditures, *one hundred dollars*, added to the earnings of one or two hours' work a day, can be made to meet all *necessary* expenses for a college year. The traditions of the college, and the public sentiment of the students, favor economy in all expenses.

Students desiring work toward defraying their college expenses should address Prof. N. F. Smith, chairman of the Self Help Committee.

Regulations.

All damages done to college buildings or college property of any kind shall be paid for by the offender.

Students occupying rooms during a semester or vacation, in any college building, shall comply with the regulations respecting the care of rooms and halls.

Rooms which have been engaged, and which remain unclaimed after the opening day of the semester, will not be reserved unless the rent has been paid.

No student shall prolong his absence beyond the close of vacation; and after his arrival in town he must not absent himself from any required exercise.

The constitution and by-laws, and usages of all societies of the students, shall be open to the knowledge and subject to the approval of the faculty.

Location.

Olivet College is located in Olivet, Eaton County, Michigan, near the line of the Grand Trunk Railway, and between Lansing and Battle Creek.

Few villages in the state offer a better natural location for a college. The campus crowns a hill covered by a native forest of magnificent oaks intermingled with maple, fir, and other shade trees. There is abundant space for the ten buildings in which the college is housed and for all other buildings which will be needed in future years. The village, like the college, was founded by earnest Christian men. As a result the atmosphere of the place is free from those things which divert or hinder the special work of the student, and most favorable to quiet, earnest, successful study. There are few temptations. Public sentiment is overwhelmingly in favor of total abstinence, and no intoxicating liquors are allowed to be sold.

For CATALOGUE, COLLEGE BULLETINS, and other information, address Albert L. Lee, Secretary of the College.



CONSERVATORY OF MUSIC.

OLIVET CONSERVATORY OF MUSIC.

CHARTERED, 1874.

OFFICERS.

ELLSWORTH GAGE LANCASTER, Ph. D., LL. D.
President.

FITZ L. REED,
Vice-President.

ALBERT L. LEE,
Secretary and Treasurer.

BOARD OF INSTRUCTION.

MRS. ELIZABETH BINTLIFF, A. M.,
Director,
Professor of Music.

MR. JOHN B. MARTIN,
Teacher of Violin, Flute and Other Orchestral Instruments.

MISS ANNIE E. TENNENT,
Teacher of Piano,
Librarian.

MRS. ESTELLA HALL READE,
Teacher of Voice Culture and Methods of Teaching Public School Music.

MISS CORA LAVERNE HOPPOUGH,
Teacher of Theory, Music History, and Sight reading.

MISS GRACE LOUISE SCOTT,
Teacher of Piano.

OLIVET CONSERVATORY OF MUSIC.

This school was established, in connection with Olivet College, in 1874. Its purpose is the production of intelligent musicianship coupled with general intellectual training. Its courses are planned to secure the symmetrical development of the musical faculties together with the literary culture requisite for any professional career.

DEGREES AND DIPLOMAS.

The degree of Bachelor of Music will be given by the trustees of Olivet College to such students as may be recommended to the faculty by the Director of the Conservatory as having completed satisfactorily the work of two of the regular courses, one of which must be the Pianoforte. The second course may be either Organ, Violin, or Singing.

Diplomas will be given for the completion of the following single courses:

1. The Pianoforte.
2. The Organ with Piano (through the second year of the Piano Course.)
3. The Violin with Piano (through the second year of the Piano Course.)
4. The Voice with Piano (through the second year of the Piano Course.)

History of Music and three years' work in theory are required of all graduates.

Candidates for graduation must during their senior year give a public recital in their respective courses.

LITERARY REQUIREMENTS.

Candidates for the degree of Bachelor of Music must meet the requirements for admission to college and the additional literary requirements of the Conservatory Course.

Candidates for diplomas must have credit for academic work equivalent to the following: history, two units; natural science, one unit; algebra, one unit; German, two units; French, one unit; English, four units; Bible, one-half unit. The English consists of the three units of re-

quired English of the preparatory department, freshman rhetoric, and one semester of elective college English. The required English must be taken by all conservatory students consecutively from the time of entrance until completion.

All conservatory students paying regular conservatory tuition and incidentals may have free tuition in the college and preparatory departments for an elective course in English each year in addition to the literary subjects required in the conservatory course. For students desiring to elect other subjects in the college courses a special rate of ten dollars per semester will be made for each subject.

Courses of Study.

The following outlines of courses of study in the several departments of the Conservatory will be varied to adapt them to the needs of individual students.

PIANOFORTE.

Preparatory Course.

Studies in position and touch. Elementary technic. Major and minor scales in slow practice. Etudes by Burgmuller, Brunner, Duvernoy, Heller, Lecoupey, Loeschhorn, Schytte, etc. Sonatinas by Clementi, Kuhlau, Reinecke, etc. Pieces suited to the grade.

First Year.

Mason Technic. Major and minor scales and arpeggios. Etudes by Czerny, Loeschhorn, Schytte, Heller, etc. Bach Little Preludes and Fugues. Sonatas by Haydn Mozart, etc. Modern pieces. Memorizing.

Second Year.

Mason Technic. Etudes by Cramer, Loeschhorn, Turner, Heller, etc. Bach Inventions. Sonatas by Mozart, Beethoven, Weber. Songs without Words by Mendelssohn. Pieces by Schumann, Chopin, Schubert, Raff, Grieg, Godard, Chaminade, etc. Memorizing.

Third Year.

Scales in double thirds and sixths. Kullak's Preparatory Octave School. Clementi's Gradus ad Parnassum. Etudes by Moscheles. Bach English Suites and Partitas. Sonatas by Schubert, Weber, Beethoven. Fantasias,

Impromptus, etc. by Raff, Mendelssohn, Schubert, Chopin, Schumann, etc. Concertos by Mozart and Mendelssohn. Concert pieces by Weber, Rubinstein, Greig, Moszkowski, MacDowell, Godard, Schytte, Schuett, Sinding, etc. Memorizing.

Fourth Year.

Kullak's Octave School. Tausig's Daily Studies. Etudes by Chopin, Henselt, etc. Bach Preludes and Fugues. Sonatas and concertos by Mendelssohn, Beethoven, Chopin, Grieg, MacDowell, etc. Concert pieces by Liszt, Chopin, Schumann, Rachmaninoff, Alkan, Arensky, and other modern composers. Memorizing.

ORGAN.

The equipment for organ study is of unusual excellence. An exceptionally fine three manual organ in the church and a two manual organ in the chapel furnish every facility for practice. The plan of work provides for the training of competent church and concert organists. It includes systematic technical study, registration, choir accompaniment, and knowledge of the various schools of organ music. Sufficiently advanced pupils are afforded practical experience in accompanying.

First Year.

Rink and Dunham Organ Schools. Buck Pedal Phrasing Studies. Bach Little Preludes and Fugues. Rheinberger Trios. Easy pieces by Guilmant, Merkel, Batiste, etc.

Second Year.

Rink and Whiting Preludes and Postludes. Bach Preludes and Fugues. Sonatas by Guilmant, Rheinberger, etc. Modern Pieces.

Third Year.

Bach Chorales, Preludes and Fugues. Sonatas by Guilmant, Rheinberger, etc. Mendelssohn Preludes and Fugues. Modern Pieces.

Fourth Year.

Bach Trios, Preludes and Fugues. Sonatas by Mendelssohn, Rheinberger, etc. Concert pieces by classic and modern composers. Practical work in accompanying church services and oratorios.

ORCHESTRAL INSTRUMENTS.

All orchestral instruments are taught, viz.: strings, wood-wind and brass instruments; also mandolin and guitar.

Opportunities are given to sufficiently advanced pupils for orchestra, quartet, and trio playing.

VIOLIN.

First Year.

David's Violin School, Part I. Studies by Hoffman, Ries, Hermann, Easy pieces and duets by Dancla, Papini, Pleyel, Alard, Weiss, etc. Particular attention given to correct position, intonation, tone, and bowing.

Second Year.

David's Violin School, Part II. Schradieck's Scale Studies. Etudes of Kayser and Mazas. Sonatas by Haydn. Fantasias by Jensa, Singelee, Dancla, and the easier solos of Leonard, Wieniawski, De Beriot, Hauser, Sivori, Allen, etc.

Third Year.

Schradieck's School of Technic. Etudes of Kreutzer, Fiorillo, Dont. Sonatas by Mozart. Concert pieces by Rode, Kalliwoda, Spohr, Rust, Vieuxtemps, Bazzini, etc.

Fourth Year.

Caprices of Rode and Gavines, Hoffman's Orchestra Studies. Beethoven's Sonatas. Concertos by Viotti, Rode, Kreutzer, De Beriot, Mendelssohn. Solos by Sarasate, Nachez, Joachim, and other modern composers.

FLUTE.

Duverge's Method for Boehm Flute. Kummer's Studies for Tonguing. Studies of Soussman, Boehm. Duets by Toulou and Walckiers. Concert pieces of Kuhlau, Lobe, Keller, Terschak, Reichert, and Demersseman.

Similar courses of instruction are given on all other orchestral instruments.

VOICE.

The aim of this department is:

1. The establishment of a pure tone in which there shall be resonance, volume, flexibility, and expression.

This pure tone is to be acquired by means of perfect breath control, open throat, and equalization of registers.

2. A perfect blending of tone and word, which results in the clear-cut enunciation desired by performer and listener.

3. The art of phrasing; versatility in style.

4. Interpretation of songs, sacred and secular, and arias from oratorios and operas.

First Year.

Tone-Placing. Blending of registers. Dr. E. S. Kimball's Exercises; Frederick Root's Elementary Exercises and Analytical Studies. Behnke and Pearce's Exercises for the Voice. Henneman's One Hundred and One Exercises.

Flexibility. Luetgen's Exercises in Velocity.

Vowel and consonant work. Vaccai's Italian Exercises.

Phrasing. Concone Op. 9. Sieber, 30 Exercises.

Easy songs for application of principles learned.

Second Year.

Continuation of Henneman, Luetgen, Sieber Op. 136, Panofka and Concone Op. 10 and 12.

Songs, sacred and secular, of the older Italian and German composers and of the best modern writers.

Third Year.

Aprile and Bordogni I for further advancement in flexibility and phrasing. For study of dramatic expression, Signor Antoinetti's Exercises.

Study of classics and of arias from oratorios.

Fourth Year.

Bordogni II, III, and Marchesi Advanced.

Songs from classic and modern composers.

Arias from the operas of the Italian, German, and French schools.

THEORY AND HISTORY OF MUSIC.

The aim of the course in theory and history of music is to give the student an intelligent conception of music as a science, in so far aiding him to become a musician capable of understanding and interpreting a wide range of music, and not a mere player or singer of the comparatively few compositions he may be able to study under a master; and also to lay a solid foundation for later studies which he may undertake in the field of composition. This work is given in classes only.

The required course for all graduates as outlined below occupies three years.

C. Sight-reading.—A class in the rudiments of music and sight singing is conducted throughout the year, two hours weekly.

D. History of Music.—This course deals with the development of music from the earliest times to the present. The class meets two hours weekly throughout the year.

E. Ear-training.—Prerequisite, Course C. Two hours throughout the year.

F. Harmony.—Prerequisite, ability to play at sight ordinary hymn tunes. Two hours throughout the year.

G. Advanced Harmony.—Prerequisite, Courses E and F. Two hours throughout the year.

H. Harmonic Analysis and Analytical Study of Forms.—Prerequisite Courses F and G. Two hours throughout the year.

I. Counterpoint.—Prerequisite, Courses E and F. Two hours throughout the year.

Courses may be combined as follows: E and F; G and H; I and D.

PUBLIC SCHOOL MUSIC.

In compliance with the Michigan state law a special course of study is arranged for students who wish to prepare themselves to teach music in the public schools. A state certificate will be granted to those who complete the two years' course in this work, an outline of which follows:

First Year—

Rudiments of Music, Terminology, Notation and Sight-Reading.
Harmony, Course F.
Ear-Training.
Voice Culture.

Second Year—

Methods of Teaching.
Practice-Teaching.
Harmony, Course G.
Harmonic Analysis and Analytical Study of Forms. Course H.
Musical History.
Voice Culture or Piano.

Students taking this course in connection with that in public school drawing will be required to spend three years on the combined courses.

Three units of English will be required of all candidates for this certificate.

SCHOLARSHIPS IN OLIVET CONSERVATORY.

To graduates of accredited high schools planning to pursue seriously the study of music, Olivet Conservatory of music offers scholarships under the following conditions;

1. The student must have attained an average of ninety percent during his entire high school course.
2. During one semester's residence in Olivet he must have manifested stability of character, a high grade of scholarship in all work, and sufficient musical ability to warrant his adoption of music as a profession.
3. Such scholarships will be granted at the close of the first semester of each year by the Director of the Conservatory to students entering at the beginning of the year who have proved themselves worthy in character, scholarship and ability, and who signify their intention to finish one of the courses leading to graduation.
4. These scholarships will entitle the holder to an allowance of \$15 00 on tuition for each of three consecutive semesters in whatever course he may have elected at the time of his entrance.
5. In case of two or more applicants from the same school, the scholarship will be awarded to the one who shall have attained the highest rank during his semester's residence in Olivet.

GENERAL REMARKS.

Various privileges of students of this conservatory may be enumerated briefly. The Musical Guild is of great service; it being a students' society meeting weekly for the study of musical literature and the performance of musical works. This semi-public performance of music which has been studied, assists the student to acquire the necessary poise and self-control for public appearance. Once a month the Guild has an open session, and once a year they give a public concert. The chorus choir of the Congregational church is open to students who can read readily. A sight-reading class where the elements of music and sight-singing are taught is free to all. A chorus of mixed voices is conducted by the director for the study of oratorios and other important choral works. The orchestral department affords opportunity for *ensemble* playing. As rapidly as pupils are fitted to appear in public, they are given opportunity, as the conservatory is expected to furnish music for all public occasions.

The Conservatory Library, a collection of standard music comprising 8000 numbers, for a small fee is open to the use of students for practice. The College Library, free to all students, affords rare opportunity for collateral reading, historical, biographical, and critical, in connection with the course in the history of music.

TUITION.

PIANO OR VOCAL LESSONS.	Per Semester.
Classes of two or three, lesson one hour, two per week.....	\$20 00
Private Instruction, lesson one-half hour, two per week.....	25 50
Private Instruction, lesson one-half hour, three per week.....	32 75
ORCHESTRAL INSTRUMENTS. (Violin, Flute, Guitar, etc.)	
Private Instruction, lesson forty minutes, one per week.....	\$19 75
PIPE ORGAN LESSONS.	
Private Instruction, lesson one-half hour, two per week.....	\$27 50
Harmony in Classes.....	\$ 7 50
Training Classes for Public School Music.....	7 50

Use of piano for practice one hour a day, per semester, \$4.50; two hours a day, \$7.50; additional hours, \$1.50 each.

Use of three manual pipe organ for practice, twenty-five cents per hour. Use of two manual organ, twenty cents per hour. This furnishes heat, light and blowing.

An incidental fee of \$5.00 per semester is charged each student in the Conservatory.

Musical library fee, per semester, \$1.50.

Day Pupils.

To meet the demand for musical instruction on the part of residents of Olivet and vicinity, who have no time or desire to take studies in the college, the following arrangements have been made by the conservatory. Day pupils may be received from their homes who shall simply report to their teacher for instruction at appointed hours, and have no further connection with the college. Tuition will be the same as for other conservatory students, with the exception of the incidental fee, from which they will be exempt.

A special provision for entrance to the conservatory is made for children attending the public schools of Olivet and vicinity, whereby they may receive instruction at reduced rates from advanced pupils in the regular piano course. Credit for such work will be given on the books at the college office as far as it applies on the piano course. This teaching is done under the supervision of the regular piano teachers.

MISCELLANEOUS ITEMS.

The conservatory building is spacious, well lighted, heated, and ventilated. It contains the office of the director, the studios of teachers, and practice rooms for students, which are supplied with good pianos.

Names must be registered and tuition paid before lessons are assigned. Pianos can be hired at the conservatory or in the village.

Tuition paid cannot be refunded. In case of illness of more than one month's duration one-half the tuition lost will be applied on work taken at any time within a period of two years.

A year's work in sight-reading is required of students before they may be classified beyond the first year in any course.

No student of the conservatory is allowed to take a musical part in any public exercise without permission from his teacher.

The holidays of the conservatory are the same as those observed by the college.

Semesters of the conservatory commence with those of the college.

Pupils in the conservatory are subject to the regulations of the college.

In some cases, members of the conservatory have been able to pay a part of their expenses by suitable employment. Such aid will be furnished as far as possible to any who may need it.

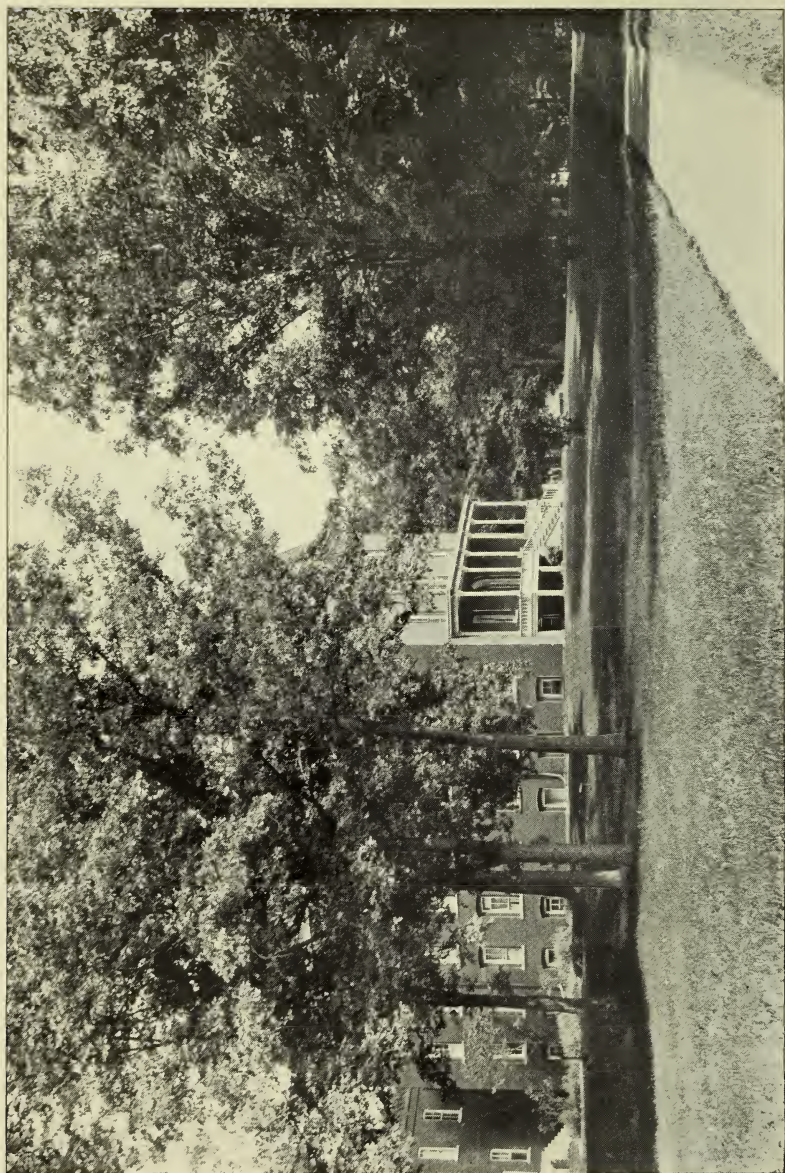
All persons desiring musical instruction are encouraged in every possible way; in every case where it can be done conscientiously, pupils will be recommended to fill suitable positions.

For further particulars which may be desired, address

MRS. ELIZABETH BINTLIFF, A. M.,

Director of the Conservatory,

OLIVET, EATON COUNTY, MICHIGAN.



SHIPPERD HALL—WOMEN'S DORMITORY.

ART DEPARTMENT.

This department aims to give to each student who desires it an elementary knowledge of the principles of drawing. A course is therefore planned which offers drawing from type-solids, floral casts, still-life, nature, etc., in pencil, pen-and-ink and colored crayon.

The principles of perspective, light and shade, shadows and reflections are taught as far as possible in the limited time given to the course.

The time required is one hour a day, four days in the week, and one-half unit credit is given in the college for a year's work.

PUBLIC SCHOOL DRAWING.

Realizing the growing demand for teachers of drawing in public schools, a course is offered which fits students to act as supervisors of drawing in public and private schools. The course covers two years and the certificate granted by the college entitles the student to a state certificate.

Students taking this course must take the history of art and rhetoric and at least four hours per day must be spent in the studio.

The course of study is as follows:

Perspective—Linear and aerial.

Drawing in Charcoal, Pencil, Pen-and-Ink—From type-solids, casts, still-life.

Mechanical Drawing—Use of instruments; geometrical drawing; projection.

Water-Color—Still-life; nature.

Design—Historic and modern.

Lectures are given on perspective, composition, blackboard drawing, methods of teaching, popular systems of drawing.

HISTORY OF ART.

This study is a necessity to the student who desires to make any branch of art a profession, and it has also become an attractive study to the general student who realizes the desirability of a closer acquaintance with the art creations of the older nations.

The first semester is devoted to architecture, the oldest of the arts.

Each style is studied by itself, the important structural and decorative features being first considered and then the important buildings of each period. The three great pagan styles are studied individually and then in relation to each other.

The classic influence transmitted by them as shown in Early Christian and Byzantine, the influence of the feudal and monastic systems on the Romanesque and Gothic and the causes which led to the appearance of these and the Renaissance are all traced.

In sculpture the larger portion of the time allotted to this subject is given to the two great periods, the Greek and Renaissance.

Painting is studied under the different schools. The great art centers, the patrons of art, the masters of each school, are in turn discussed.

Composition, technique, spirit and character, all receive as much attention as time permits.

No text-book is used, but the student is required to keep a note-book illustrated with pictures of the great achievements in each branch of the subject studied.

Besides the above courses, any students desiring instruction in any special subject may enter the department at any time by arranging such work with the director.

Tuition in Public School Course, including history of art and one other study:

Per Semester.....	\$25.00
Single Lessons.....	.50

ANNE STONE BATCHELLOR,
Director.

DEGREES CONFERRED.

1908.

Master of Arts.

Brownson, Elizabeth, '04,
 Kennedy, Burt E ,
 King, Helen Maxwell, '07,
 King, Marie Seward, '07,
 Whittaker, Clive C., '05,

Traverse City
 Lake Forest, Ill.
 Bryn Mawr, Pa.
 Des Moines, Ia.
 Wichita, Kan.

Bachelor of Arts.

Ashby, Aubrey Leonard,
 Baker, Edson J.,
 Baker, Wallace Lovell,
 Barbour, Richard Douglas,
 Barker, A. Lincoln,
 Betts, Edmund Lowney,
 Brown, Elmer Henry,
 Campbell, Laurel Nell,
 Carlton, Ruby Bernice,
 Curtis, Alice Gail,
 Dains, Lucia Luella,
 Duguid, Alma Mary,
 Ellis, Mabel Brown,
 Ely, Georgia Leiter,
 Ewing, Marion Jeanette,
 Green, Marion Brebner,
 Hall, Florence Bell,
 Haskell, Linnie B.,
 Hughes, Henry Dwight,
 Jones, Paul W.,
 Luscomb, Katherine (*Mrs. R. C. Furber*),
 Martin, Clarence Philip,

Brooklyn, N. Y.
 Forest Grove, Ore.
 Chicago, Ill.
 Duluth, Minn.
 Battle Creek
 Ray, Ind.
 Washburn, N. Dak.
 Olivet
 East Jordan
 Morenci
 Rochester, Ind.
 Toledo, O.
 Hinckley, Minn.
 Smyrna, Turkey
 Wakefield, Mass.
 Olivet
 Spencer, Ia.
 Ludington
 Newberry
 Three Rivers
 Hopkins
 Valley City, N. Dak.

Morrison, Neil Corbett,
Novak, Charles M.,
Schroeder, Helen Theresa,
Sexton, Jessie Ethelyn,
Spaulding, Edith Belle,
Swift, Harvey Marshall,
Thomas, Elvesta Louise,
Underwood, James William,
Wade, Jephtha A.,
Weed, Clarence R.,
Williams, Pearle,

L'Anse
Olivet
Joliet, Ill.
Ionia
Eaton Rapids
Petoskey
Petoskey
Negaunee
Monroe
Oshkosh, Wis.
Fremont

Musical Diploma.

Lee, Bessie May,
Scott, Grace Louise,
Wilde, Mildred Cossar,

Frankfort
Olivet
Saranac, N. Y.

STUDENTS.

Graduate Students.

Louis Emmett Birdsall, A. B. 1907.* Psychology and History.	Fowler, Ind.
Laurel N. Campbell, A. B. 1908. German.	Olivet
Edgar George Meinzer, A. B. Beloit, 1903.* German.	Manhattan, Kan.
Milo Clifton Murray, A. B. 1902.* Philosophy and Education.	Michigan City, Ind.
Joseph Philip Selden, A. B. 1900.* History.	Joliet, Ill.
Grace Louise Scott, Olivet Conservatory, '08. Music.	Bay City

Senior Class.

Avery, Mary Eliza,	Olivet
Bacon, George S.,	Chelsea
Bacon, Nora Josephine,	Chelsea
Barnum, Agnes Estelle,	Battle Creek
Bishop, Robert Paul,	Bellevue
Blake, Clarence Sidney,	Lenoxdale, Mass.
Brainerd, Solomon Jeffords,	Chesaning
Brown, Cora L.,	Big Rapids
Brown, Verne Brainerd,	Prairieville
Cary, Ruth Loraine,	Joliet, Ill.
Cooper, Bertha Anna,	Covert
Dean, Mabel A.,	Joliet, Ill.
Eness, Clara Elvira,	Olivet
Evarts, Frances Lillian,	Olivet
Ewing, Clara Muriel,	Newton Center, Mass.
Gibbs, Marion Winnifred,	Mayfield
Green, Emma Laurette,	Olivet

*In absentia.

Hammond, Edith Ada,	Olivet
Heydenburk, Edith Belle,	Bay City
Hudson, Ora B.,	Rochester
Hume, Emma Harriet,	Lansing
Hungerford, Mabel Alice,	Joliet, Ill.
Hunsberger, Harvey Samuel,	Grand Rapids
Landon, Eva Hortense,	Olivet
Lange, Herman Carl,	Olivet
Lewis, Ivah Pearl,	Olivet
McWilliams, LeRoy D.,	Olivet
Pettitt, Lenna,	Benzonia
Skentelbury, William H., Jr.,	Grand Junction
Sly, Bessie E.,	Romeo
Stott, Edith Moore,	Muir
Thacker, Ralph W.,	Traverse City
Thomas, Roy Kehl,	Northport
Watson, Minnie Elizabeth,	Olivet
Watt, Minnie M.,	Constantine
Wells, Volney H.,	Dowagiac
Wilson, Merton Wallace,	Traverse City

Junior Class.

Alward, Hazel E.,	Clare
Armstrong, Alice Morse,	Guthrie, Okla.
Berry, Bessie Luella,	Olivet
Bird, Nancy Phelps,	Battle Creek
Chapel, Grace,	Grand Blanc
Christman, Lewis G.,	Bryan, Ohio
Cunningham, Hester,	Marshall
Dean, Aurie Jerome,	Nashville
DeLano, Florence L.,	Kalamazoo
Eastman, Irene Belle,	North Conway, N. H.
Galusha, Florence Marian,	Olivet
Graves, Pearl H.,	Olivet
Grinnell, Edward Murray,	Bay City
Hammond, Percy M.,	Olivet
Harwood, Arnold C.,	Imlay City
Hoare, Benjamin Romain,	Olivet
Leonard, George Osborne,	Durand
Leslie, William G.,	Covert
Long, Ethel May,	Calumet
McAllister, Roland,	Olivet

McLennan, Mary Ione,
 Miller, Dudley J.,
 Montague, Bernice J.,
 Moxley, Leona Mae,
 Nachtsheim, George John,
 Newman, Florence Marion,
 Noble, Helen Hosford,
 Pettitt, Jay S.,
 Potter, Edith M.,
 Rosebrugh, Crawford M.,
 Welton, Mary Louise,
 Wright, Norma Dakota,

Hattiesburg, Miss.
 Grand Rapids
 Olivet
 Marcellus
 Buffalo, N. Dak.
 Bryan, Ohio
 Toledo, Ohio
 Benzonia
 Mulliken
 St. Johns
 Grand Rapids
 Hammond, La.

Sophomore Class.

Ambler, Mabel,
 Amtsbuechler, Oscar Edward,
 Anderson, Jean J.,
 Armitage, Claribel,
 Barbour, Ruth Willard,
 Beckwith, Bertha B.,
 Berry, Clinton Fiske,
 Berry, Wilmot W.,
 Brill, Emma,
 Case, Esther,
 Currier, Cecil M.,
 Earl, Mary Bertha,
 Edie, Walter Rhodes,
 Edwards, Jessie Judson,
 Fish, Helen,
 Gage, Fern McCotter,
 Grim, Florence Ella,
 Haven, Kent C.,
 Hillier, Harry Elias,
 Holland, Donald Marion,
 Horr, Marjorie Josephine,
 Howe, Bertha Mae,
 Hoyt, William Vernor,
 Hubbard, Jean,
 Hunt, Anna Isabel,
 Inglis, Scarth,
 Kennedy, Lucy Jane,
 La Du, Edith G.,

Portland
 Traverse City
 Louisville, Ky.
 Port Huron
 Olivet
 Ionia
 Olivet
 Laingsburg
 Brutus
 Benzonia
 Almont
 Niles
 Menominee
 Grand Rapids
 Olivet
 Olivet
 Bryan, Ohio
 Mannsville, N. Y.
 Montrose
 Ovid
 Ithaca
 Howell
 Olivet
 Milwaukee, Wis.
 Grand Rapids
 Olivet
 Niles
 Lisbon, N. Dak.

Lowrie, Lovina C.,
 Malin, Ellen Elizabeth,
 Marshall, Earl,
 Maxted, Henry George,
 Morrison, Peter Clyde,
 Mosher, Mae L.,
 Opdycke, Lucile Harriet,
 Person, Annabel,
 Peterman, Geneva M.,
 Ransom, Edward L.,
 Reid, Gladys M.,
 Robinson, Grace Sears,
 Robinson, Robert Lloyd,
 Royal, Rex R.,
 Salter, Edith F.,
 Schnierla, Emma Laura,
 Smith, Florine,
 Sprague, Evelyn,
 Stine, Ross Orville,
 Stott, Harold John,
 Thomas, James O.,
 Townsend, Glen R.,
 Trotter, Jessie Harriet,
 Troutner, Lela Wilcox,
 Upham, Florence Katherine,
 Voelker, Otto H.,
 Weimer, Florine,
 White, Leo Glenn,
 Wickham, Abbie Irene,
 Wood, Shirley F.,

Traverse City
 Muskegon Heights
 Imlay City
 Western Springs, Ill.
 Elk Rapids
 Battle Creek
 Bryan, Ohio
 Olivet
 Lisbon, N. Dak.
 Northport
 Battle Creek
 Big Rapids
 Sturgis
 Shelby
 Traverse City
 Clinton
 Lansing
 Vermontville
 Bryan, Ohio
 Muir
 Northport
 Cadillac
 Morris, Ill.
 Olivet
 Owosso
 Saginaw
 Coloma
 Ionia
 Pentwater
 Constantine

Freshman Class.

Avis, Lola,
 Barker, Shirley Trevor,
 Barker, Vera Maybelle,
 Barrett, Paul Vincent,
 Bayes, Mary Effie,
 Bowen, Kate,
 Bugbee, Lloyd,
 Burd, Leah Pauline,
 Burt, Myles R.,
 Bussell, Nellie Eileen,

Lake Odessa
 Battle Creek
 Grand Rapids
 Olivet
 Bryan, Ohio
 Bellevue
 Hartford, Vt.
 Delray, Fla.
 Laingsburg
 Grand Rapids

Carr, Roy Guernsey,
Chervenka, Charles,
Constan, Peter K.,
Coyne, Edna Glenn,
Curtiss, Lewis Martin,
Dana, Lowell,
Day, Arthur Elkanah,
Denison, Harry S.,
DePue, Atlee Ray,
Eaves, Lisa Emma,
Evans, Arthur Edward,
Foster, Alice Evelyn,
Gibbs, Harold Sargent,
Green, Ada Lenora,
Griggs, Mark K.,
Hammond, Carlton Morhouse,
Hancock, May Alice,
Haskell, Mildred,
Higbee, Walter Francis,
Hilton, Gladys E.,
Hockstad, Lars,
Hopkin, Walter Scott,
Hunt, Irwin A.,
Hutchinson, Harry B.,
Jackson, Joseph,
Johnson, Bertrand Lloyd,
Johnson, Elbe Herbert,
Kenyon, Grace,
King, Rachel E.,
Kneeland, Catherine,
La Du, Elva,
Lancaster, Elmer Ellsworth,
Lee, Lucile,
Lewis, Ivo M.,
Lohrstorfer, Helen,
Luscomb, Dorothea,
Marshall, Clare,
Martin, Edward Lloyd,
McCafferty, Ila B.,
McKenzie, John,
McLennan, Nellie H.,
McManus, Arletta,

Cadillac
Traverse City
Grand Rapids
Hammond, La.,
Freeport
Muskegon
Bellevue
Bellevue
Eaton Rapids
Battle Creek
Rochester
Plainfield, Ill.
Mayfield
Olivet
Rochester
Muskegon
Grand Rapids
Ludington
Galien
Fremont
Traverse City
Almont
Worcester, Mass.
Joliet, Ill.
Clinton
Benzonia
Traverse City
Portland
Charlotte
St. Johns
Lisbon, N. Dak.
Olivet
Frankfort
Toledo, Ohio
Port Huron
Olivet
Imlay City
Honor
Romeo
Port Huron
Hattiesburg, Miss.
Traverse City

Mitchell, Myrtle,
 Morgan, Rollin Harley,
 Nelthorpe, Marjorie L.,
 Neumeister, Fred R.,
 Northrop, Bessie Marion,
 Nybro, Fred,
 Osborn, Willis L.,
 Petratis, Adolph,
 Pettingell, Hazel,
 Pillsbury, Edna Dean,
 Powers, Warren F.,
 Price, Neil,
 Rice, Ruby Viola,
 Runzel, Roy H.,
 Sandenburg, George Harold,
 Sanford, James Blaine,
 Savidge, Robert Bates,
 Schaffer, Mildred Belle,
 Seeley, Florence Loretta,
 Skeele, Elizabeth B.,
 Smith, Clarence Gardner,
 Sorenson, Carl Severn, Jr.,
 Steketee, Marie,
 Stinson, Mildred,
 Taylor, Cyrus Jesse,
 Taylor, Hazel B.,
 Turner, Austin Ralph,
 Vardon, William Sidney,
 Wall, Stuart,
 Wallick, William,
 Walter, Ivernia C.,
 Wannamaker, Phyllis,
 Wilder, Hiram E.,
 Williams, Marie Antoinette,
 Wilson, Marcia,
 Wyble, Edward M.,

Vermontville
 Owosso
 Sherwood
 Muskegon
 Lakeview
 Onkama
 Coldwater
 Muskegon
 Olivet
 Detroit
 Cadillac
 Almont
 Bryan, Ohio
 Shelby
 Onkama
 Shelby
 Reed City
 Portland
 Pontiac
 Olivet
 Bay City
 Shelby
 Shelby
 Rutherford, Ont.
 Rochester
 Olivet
 Walpole, Mass.
 Newberry
 Cadillac
 Sturgis
 Port Huron
 Frankfort
 Lapeer
 Watertown, S. Dak.
 Clare
 Vermontville

Sub-Freshman.

Brown, Bernice,
 Cary, Rex LeRoy,
 Delano, Carl F.,
 Eastman, Jennie Louise,

Parma
 Joliet, Ill.
 Kalamazoo
 North Conway, N. H.

Hawley, Margaret E.,
 Koning, Richard,
 Lancaster, Louis Gladstone,
 Leavenworth, Edgar Charles,
 Lilley, Edwin,
 Peck, Howard Abe,
 Routier, Ralph,
 Waller, Henry Carl,
 Watson, George Henry,

Evanston, Ill.
 Grand Rapids
 Olivet
 Olivet
 Joliet, Ill.
 Lowell
 Battle Creek
 Galva, Ill.
 Olivet

Special.

Akin, Elna Vera,
 Akin, Russell E.,
 Barrus, Lucene,
 Bender, Thankful,
 Burleson, Silas,
 Church, Laura Frink,
 Dewey, Joyce Margaret,
 Ely, Dorothy,
 Feazelle, Ruth,
 Foster, Rose Katherine,
 Fuller, Harold J.,
 Greenaway, Fern,
 Greenfield, Ethel P.,
 Greenfield, Lura,
 Haydn, Mabel,
 Herrick, George Adrian,
 Humeston, Genevieve,
 Kay, Eva,
 Knapp, Tracy F.,
 Lee, Edna Elizabeth,
 Longman, Mary Annie,
 Martin, Christine Louise,
 Martin, Nellie G ,
 McWilliams, Alice,
 Mead, Mildred,
 Shannon, Eva L. Pearl,
 Skeelee, Katherine,
 Storr, Merle A.,
 Towler, John H.,
 Weston, Velma Vivian,
 Wood, May Daisy,

Olivet
 Olivet
 Olivet
 Olivet
 Olivet
 Vermontville
 Olivet
 Olivet
 Olivet
 Olivet
 Olivet
 Olivet
 Fowlerville
 Olivet
 Olivet
 Charlotte
 Olivet
 Olivet
 Olivet
 Olivet
 Olivet
 Olivet
 Battle Creek
 Battle Creek
 Olivet
 Olivet
 Covert
 Olivet
 Olivet
 Olivet
 Muir
 Battle Creek

SUMMARY OF STUDENTS.

CLASSES.

Graduate.....	6
Senior.....	37
Junior.....	32
Sophomore.....	58
Freshman	88
Sub-Freshman.....	13
Special Students in Music.....	31
<hr/>	
Total	265

RESIDENCE.

Florida	1	New Hampshire	2
Illinois	12	New York.....	1
Indiana.....	2	North Dakota	4
Kansas	1	Ohio	9
Louisiana.....	2	Oklahoma	1
Kentucky	1	Ontario.....	1
Massachusetts.....	4	South Dakota.....	1
Michigan	219	Vermont	1
Mississippi.....	2	Wisconsin.....	1
<hr/>			
Total.....			265

CONTRIBUTIONS.

By vote of the Board of Trustees of the college at its annual session in June, 1870, the treasurer is directed to publish annually in the catalogue a full statement of all contributions to the college, and the names and residence of the contributors.

The subjoined is such a statement, from April 15, 1908, to April 5, 1909, but does not include payments of interest. This statement is designed to be fully correct and particular. Should, however, any person discover any omission or error in this record of benevolences to the college, he will confer a great favor by promptly pointing out the same to the treasurer.

Estate of D. M. Ferry, by D. M. Ferry, Jr., Detroit.	\$5,000 00
Deloraine P. Corey, Malden, Mass., History Prize.	25 00
Edwin N. Ely, Olivet.....	500 00
David C. Whitney, Detroit.....	250 00
Bequest Mary E. Tyler, Lowell, Mass., for H. Q. Butterfield Memorial Scholarship Fund.....	1,000 00
A Friend of the College	2,000 00
Woman's Auxiliary Board, for Shipherd Hall.....	200 00
Frank J. Cobbs, Cadillac.....	625 00
Hon. Harvey J. Hollister, Grand Rapids.....	500 00
Hon. Justus S. Stearns, Ludington.....	1,250 00
Friends of the College, for Athletics.....	200 00
Members of Park Congregational Church, Grand Rapids, through F. H. Foster, for student aid...	150 50
Members of Olivet Congregational Church, for stu- dent aid.....	176 00
Rev. E. B. Allen, Toledo, O., for endowment.....	4 00
Washington Street Congregational Church, Toledo, O., by Rev. E. B. Allen, for student aid.....	25 00
Mrs. John Orr, Tryon, N. C., Topping Scholarship	40 00
Rev. M. A. Bullock, Lincoln, Neb., for endowment	10 00
Bequest of Mrs. Ella J. Potter, of Alpena, for Potter Banking Fund, for student aid.....	20,000 00
Total,	\$31,955 50

LIVING ENDOWMENT FUND:

Ada L. Waters, Traverse City.....	5 00
Charles McKenny, Milwaukee, Wis ..	5 00
Mary B. Dimond, Wichita, Kan.....	5 00
Charles H. McLean, Holland.....	25 00
Muskegon, Mich., by L. P. Haight.....	145 00
Lansing, Mich., by L. P. Haight.....	100 00
L. P. Haight, Muskegon.....	255 00
Frank N Green, Olivet	50 00
Arie Binkhorst, Battle Creek.....	5 00
Mrs. Sara B. Williams, Vermontville.....	5 00
Rev. William Ewing, Newton Center, Mass.....	20 00
Mary E Armstrong, Evansville, Ind....	1 00
Philo A. Tyler, M. D., Lansing.....	5 00
Mary Elizabeth Pettitt, Benzonia.....	2 00
Willis T. Bishop, Holland.....	5 00
George C. Longman, Chicago, Ill	5 00
N. D. Lanphear, Olivet.....	5 00
Agnes V. F. Thompson, Constantine.....	5 00
A. C. Fisher, Olivet.....	5 00
Class of 1906, Olivet College.....	44 00
Mrs. A. B. Marsh, Holland.....	5 00
J. H. Moores, Lansing.....	50 00
Mrs. D. B. Ainger, Lansing.....	25 00
Dr. and Mrs. H. L. Clark, Cambridge, Mass.....	10 00
Class of 1904, Olivet College.....	57 00
Rev. C. W. Green, Chatham, Ohio.....	2 00
Mrs. George W. Castor, Berkeley, California.....	10 00
Class of 1907, Olivet College.....	100 00
Mr. and Mrs. F. H. Gage, Olivet.....	5 00
Rev. R. S. Stapleton, Erzroom, Turkey.	10 00
Mr. and Mrs. Robert Pease, Beatrice, Neb.....	5 00
Cora M. Clark, Salt Lake City, Utah.....	2 50
Village of Olivet by F. H. Foster.....	18 85
Ellen M. Evarts, Grand Rapids.....	5 00
Byron D. Niles, M. D., Grand Ledge.....	10 00
James F. Young, Carthage, Ill.....	10 00
Mrs. T. W. Koch, Ann Arbor	5 00
Elizabeth Lee Hosford, Olivet....	5 00
Grace Frances Ellis, Grand Rapids.....	5 00
E. A. Coddington, Manila, P .I.....	25 00

Mr. and Mrs. Edwin N. Ely, Olivet.....	50 00
Rev. Ernest Bourner Allen, Toledo, Ohio.....	25 00
Henry C. Crosby, Three Oaks.....	5 00
Emma M. Wines, Reed City.....	5 00
Woman's Auxiliary Board, Olivet College.....	335 00
Class of 1908, Olivet College.....	25 00
William J. Hickok, Olivet.....	25 00
Mrs. Clara E. Ely, Olivet.....	5 00
Total,	<hr/> \$ 1,537 35
Total contributions for the year	<hr/> \$33,492 85

DONATIONS TO THE LIBRARY.

From April 1, 1908, to April 1, 1909.

DONORS.	VOLS.	DONORS.	VOLS
United States Government.....	60	News Bureau.....	1
Reading Room.....	190	Library Bureau.....	1
State Library.....	70	N. J. McLeod.....	1
University of Michigan.....	5	State of Massachusetts.....	1
U. S. Geological Survey.....	40	C. E. Slocom.....	1
Rev. William Ewing.....	60	Howard Bement.....	1
Marie S. King.....	1	H. G. Bissell.....	1
Helen M. King.....	1	F. R. Bunker.....	1
Elizabeth Brownson.....	1	C. C. Kochenderfer.....	1
Washington Gardner.....	6	New York Tribune.....	1
C. R. Tiebout.....	10	Olivet College.....	1
W. H. Woodbury.....	1	L. C. Storrs.....	1
Samuel Usher.....	1	Carnegie Foundation.....	1
Harvard University.....	1	Jos. R. Chandler.....	1
F. N. Green.....	1	Slater Fund.....	1
Chas. Bradbury.....	2	Ginn & Co.....	1
Dr. S. Rittenhouse.....	1	Mrs. Potts.....	1
H. L. Clark.....	4	North Central Association.....	14
Audubon Soc. Mich.....	1	N. F. Smith.....	6
Cornell University.....	1	W. S. Leavenworth.....	1

Form of Bequest.

Olivet College owes its existence and prosperity to the generosity of the friends of Christian education. It believes that the number of those who propose to give to meet its necessities is ever increasing. It is far better for these to carry out their intention while living, as then they are sure that their gifts reach their destination. It is also desirable that donations be for *general purposes*. In bequests the corporate name of the college must be used. The following form is commended:

I give and bequeath to Olivet College, located at Olivet, Eaton County, Michigan, the sum of \$——, to be applied in such manner as its trustees may deem most useful to the college.

Those making specific bequests may vary the above form by inserting the special object desired. To ascertain the more pressing needs of the college, correspondence with the president is invited.

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UNIVERSITY OF ILLINOIS

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SPECIAL NOTICE.

The faculty of Olivet College are anxious to place a copy of each annual catalogue in the hands of every graduate. They will esteem it a favor if any alumnus who changes his residence will notify the registrar of his new address. They will also be grateful for any information, from any source, that may assist in making or keeping the directory of the alumni complete. Data are especially solicited regarding the more recent graduates. On application to the secretary catalogues will be sent to any desiring to enter college. Any person receiving a copy will confer a favor by placing it in the hands of some friend who may be interested in higher education.
